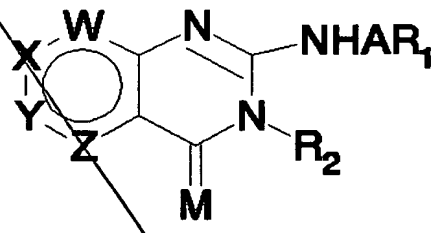
IN THE CLAIMS:

Claim 1 (amended). A compound of Formula I:



Formula I

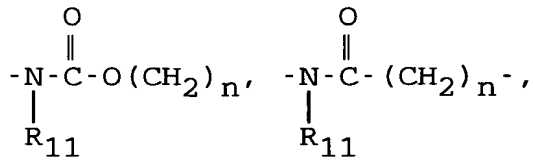
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

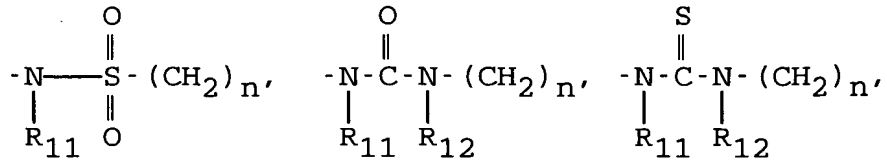
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

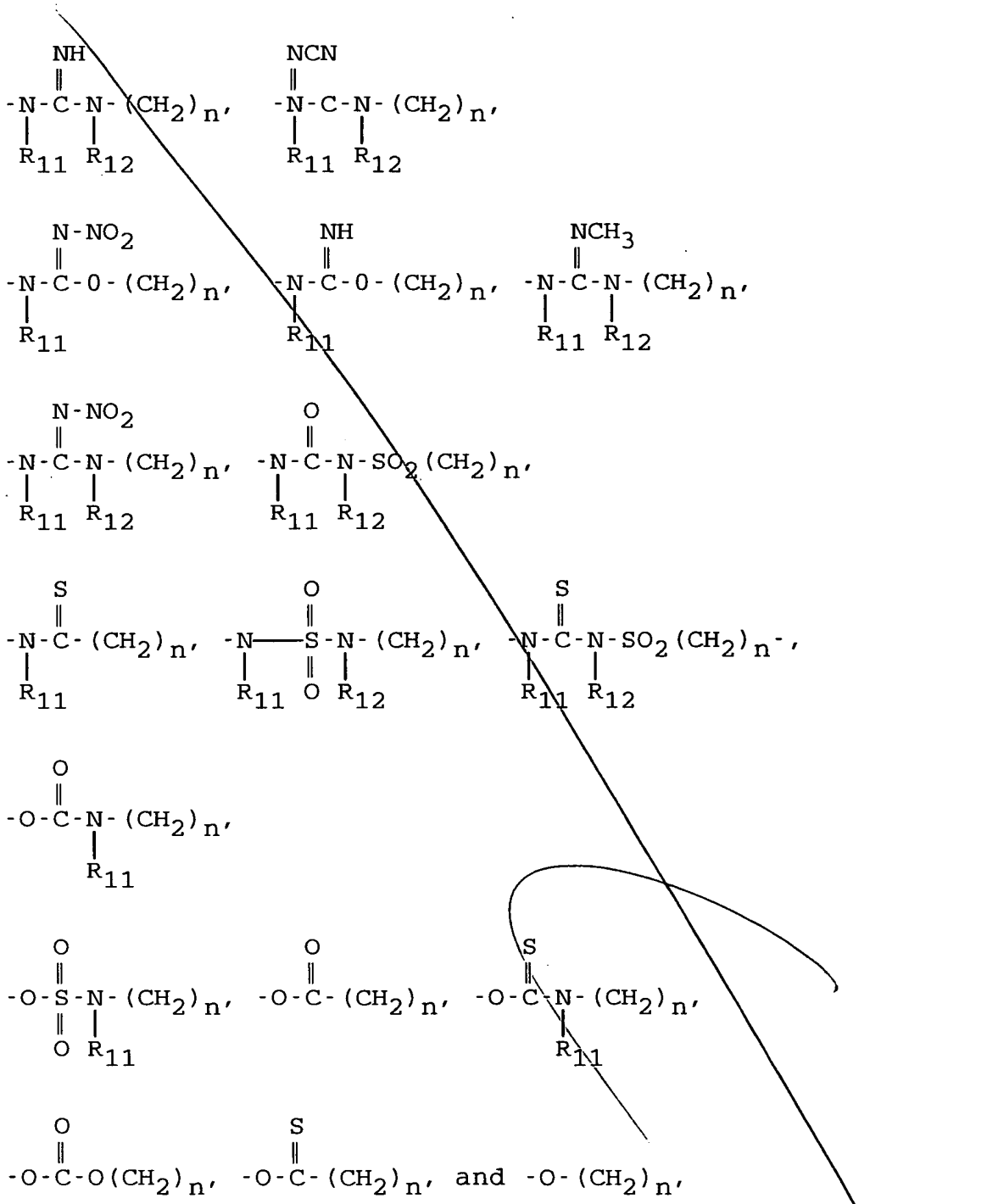
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:





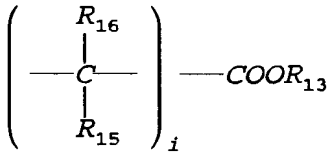


wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

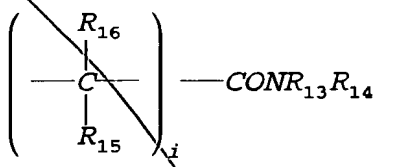
R_1 and R_2 independently are:
an alkyl of 1 to 6 carbon atoms,
unsubstituted, mono or polysubstituted phenyl or polyaromatic,
unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,
unsubstituted, mono or polysubstituted aralkyl,
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

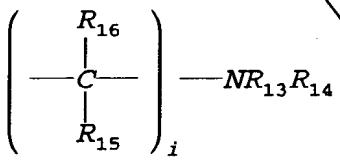
wherein the substitutions are selected from

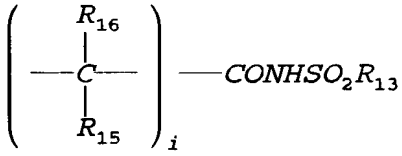
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl



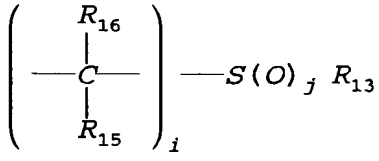
B' contd.

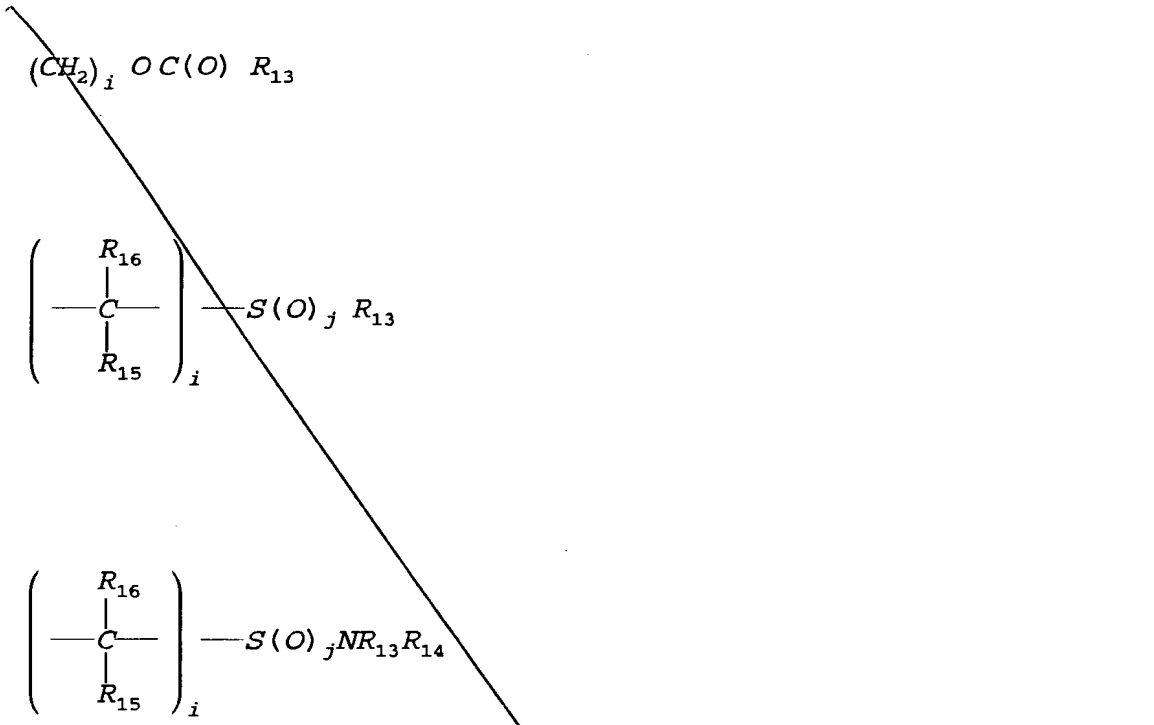






$(CH_2)_i\ OC(O)\ R_{13}$





- $(CH_2)_i$ - tetrazole, and
- polyhydroxy alkyl or cycloalkyl of from 5 to 8 carbon atoms,

wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alkyl (1-4 carbon atoms), alkaryl of from 7 to 10 carbon atoms;

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S;

provided that when W, X, Y and Z are each C-R_3, C-R_4, C-R_5 and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen and A is

and R_1 is unsubstituted phenyl, then R_2 cannot be unsubstituted phenyl;

further provided that when W, X, Y and Z are each C-R_3,

C-R_4, C-R_5, and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen or halogen and

A is —NH—C(=O)—NH—, and

M is oxygen, and

R_2 is unsubstituted or mono substituted phenyl and wherein substitution is chloro, bromo, butyl, n-butoxy, iso-butoxy, then R_1 cannot be unsubstituted or mono substituted phenyl, or unsubstituted naphthyl wherein substitution is chloro or bromo;

furthermore provided that when W, X, Y and Z are each C-R_3, C-R_4, C-R_5, and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen or halogen and

A is —NH—C(=S)—NH—, and

M is oxygen, and

R_1 is unsubstituted phenyl, unsubstituted benzyl, unsubstituted naphthyl or mono substituted phenyl wherein substitution is halogen, methyl, n-butyl or methoxy, then R_2 cannot be: a) unsubstituted phenyl; b) unsubstituted naphthyl; c) unsubstituted benzyl; d) mono substituted phenyl wherein substitution is halogen, methyl, n-butoxy, iso-butoxy, or methoxy; [or] e) disubstituted phenyl wherein substitution is methyl or f) alkyl.

Claim 2 (amended). The compound of claim 1 wherein:

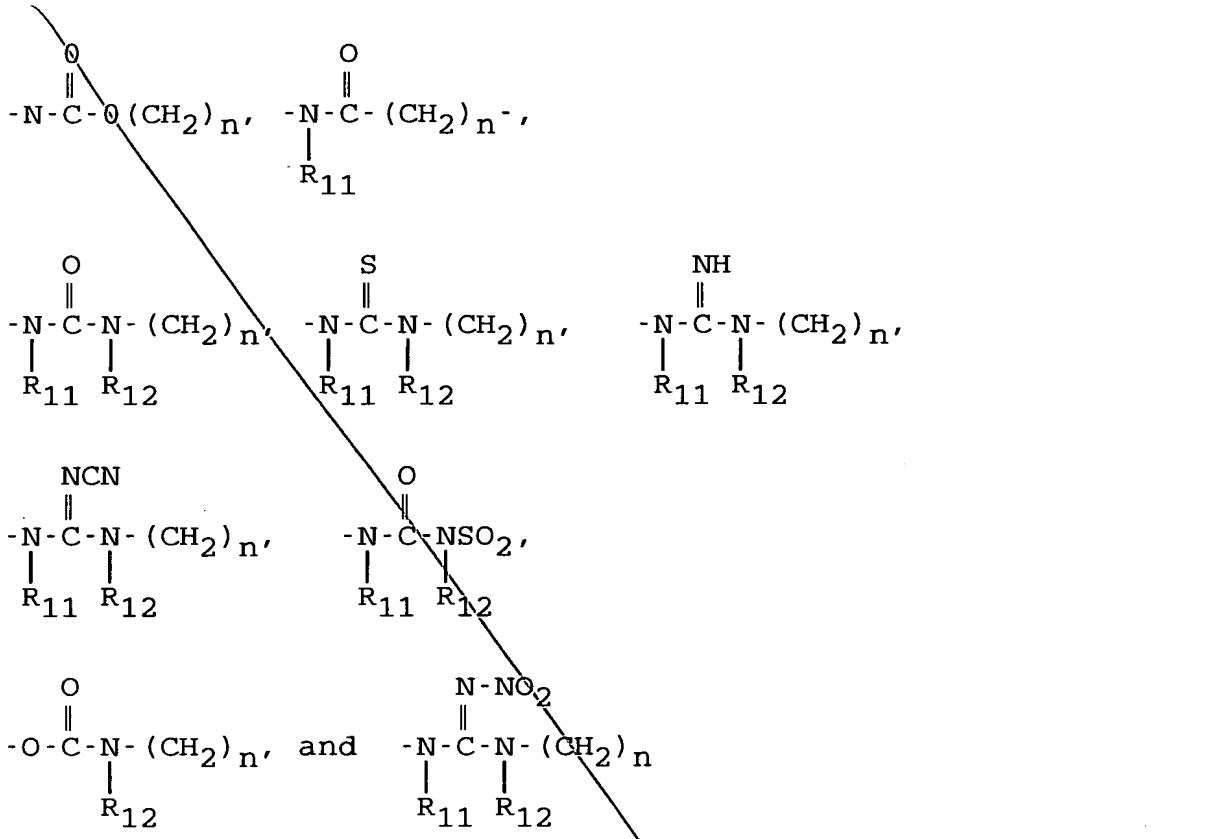
W and Y are each independently C-R_3, C-R_5 or N,

X and Z are each independently C-R_4 or C-R_6,

wherein R_3, R_4, R_5 and R_6 are each independently chlorine, bromine, iodine, carbmethoxy, carboxy, methoxy, methyl, thio, thiomethyl, thioethyl, and hydroxy;

M is O or S;

A is selected from



wherein R_{11} and R_{12} are independently hydrogen or alkyl of from 1 to 4 carbon atoms, n is 0 or 1;

R_1 and R_2 are independently an unsubstituted, mono or polysubstituted
phenyl,
pyridyl,
pyrrolyl,
furanyl,
thiofuranyl,
pyrimidinyl,
indolyl,
quinolinyl,
quinaxolinyl; or
a cyclo or polycycloalkyl hydrocarbon of 6 to 12 carbon atoms;

wherein [the substituents are of claim 1, having] up to three substituents per ring <u>are present</u>.

Claim 3 (amended). The compound of claim 1 wherein:

W is C-R_3 or N wherein R_3 is selected from hydrogen, chlorine, bromine, iodine, methoxy, and methyl;

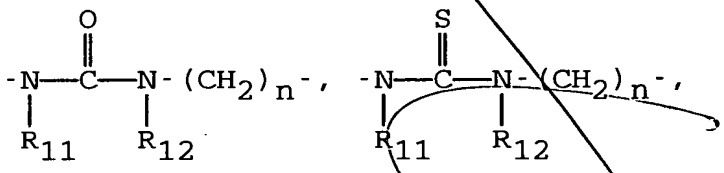
X is C-R_4 wherein R_4 is selected from hydrogen, chlorine, hydroxy, methoxy, sulfhydryl and thioethylether;

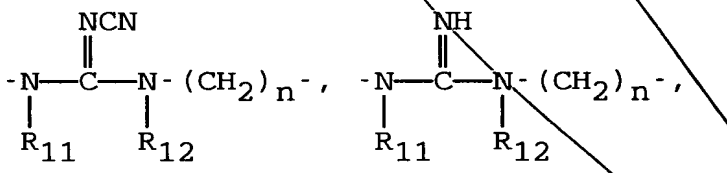
Y is C-R_5 wherein R_5 is selected from hydrogen, chlorine, bromine, iodine, methoxy, methyl, carboxy, and carbmethoxy;

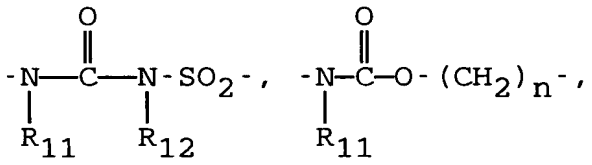
Z is C-R_6 and N, wherein R_6 is hydrogen;

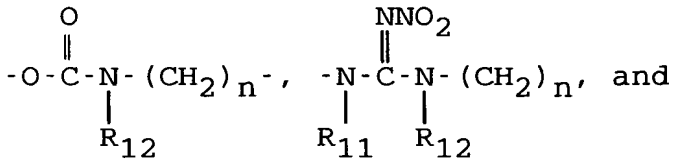
M is oxygen or sulfur;

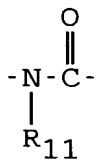
A is selected from











B' contd.

wherein R_{11} and R_{12} are hydrogen;
n is 0 or 1;
R_1 and R_2 are independently phenyl,
mono or polysubstituted phenyl,
pyridyl,
pyrrolyl,
furanyl,
thiofuranyl,
pyrimidinyl,
indolyl,
quinolinyl,
quinaxolinyl[;
wherein substitutions are the same as in claim 1].

B' concluded

Claim 4 (amended). The compound of claim 1 wherein:
M is sulfur,
A is  or  ,
and W, X, Y, Z, R_1 and R_2 are as in claim 1].

In Claim 5, add a "." after the structure.

In Claim 6, add a "." after the structure.

Claim 7 (amended). The compound of claim 1 wherein:
M is oxygen;
A is  or  ,

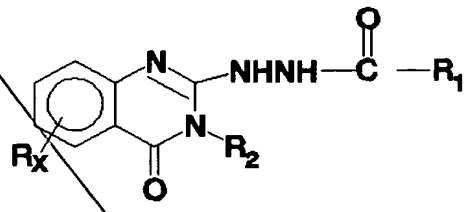
B2

W, X, Y, and Z are selected from C-R_3, C-R_4, C-R_5, C-R_6 and N and at least one and no more than two of W, X, Y and Z are N. [R_1, R_2, R_3, R_4, R_5 and R_6 are as defined in claim 1.]

In Claim 8, add a "." after the structure.

In Claim 9, add a "." after the structure.

Claim 10 (amended). The compound of claim 1 having the structure:



wherein R_x is hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8, where x=0-3;

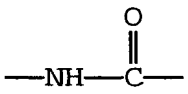
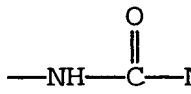
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms)[;

R_1 and R_2 are as defined in Formula I].

Claim 11 (amended). The compound of claim 1 wherein:

W, X, Y and Z are selected from C-R_3, C-R_4, C-R_5 and C-R_6;

M is oxygen;

A is  or  ,

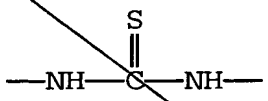
R_1 and R_2 cannot both be phenyl in the same compound[; and

R_3, R_4, R_5 and R_6 are as defined in claim 1].

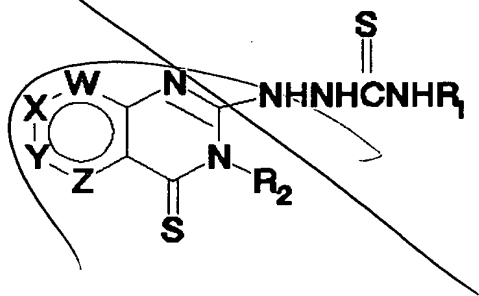
Claim 12 (amended). The compound of claim 1 wherein:

M is S (sulfur);

[W, X, Y, Z, R_1 and R_2 are as defined in claim 1; and]

A is 

having the structure:



B3 concluded

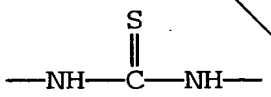
In Claim 13, add a "." after the structure.

Claim 14 (amended). The compound of claim 1 wherein:

B4

W, X, Y and Z are selected from C-R_3, C-R_4, C-R_5, and C-R_6 wherein R_3, R_4, R_5 and R_6 [are as defined in claim 1 except none can] cannot be hydrogen or halogen;

M is oxygen;

A is  and

R_1 and R_2 are as defined in claim 1].

Claim 16 (amended). The compound of claim 1 wherein:

B5

W, X, Y, and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and wherein R_3, R_4, R_5 and R_6 are independently selected from hydroxy, sulfhydryl, lower alkoxy, lower thioalkoxy, lower alkyl, CN, CF_3, NO_2, $COOR_7$, NR_7R_8, wherein R_7 and R_8 are as defined in claim 1;

M is oxygen[; and

R_1 and R_2 are as defined in claim 1].

Claim 17 (amended). The compound of claim 1 wherein:

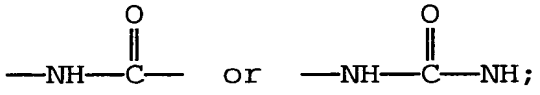
W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and wherein R_3, R_4, R_5 and R_6 are as defined above but they cannot be hydrogen or halogen;

M is oxygen;

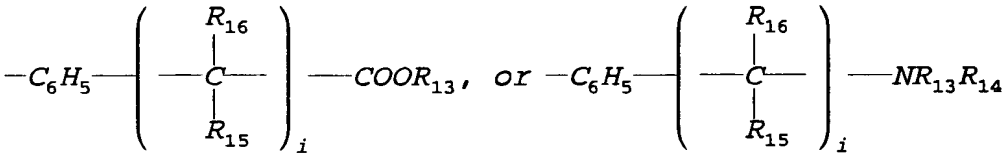
A is 

R_1 and R_2 are as defined in claim 1].

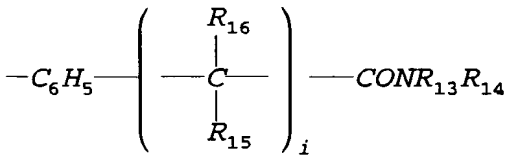
Claim 19 (amended). The compound of claim 1 wherein:

A is 

R_1 is



or



B6 concluded

R_{13} and R_{14} are each independently selected from hydrogen, methyl, ethyl, t-butyl, and benzyl;

wherein R_{15} and R_{16} are independently selected from hydrogen, methyl and ethyl;

i is O or 1;

M is O (oxygen)[; and

W, X, Y, Z and R_2 are as defined in claim 1].

In Claim 20, delete "of claim 1".

In Claim 21, at line 19, on page 99, delete the word "dichoro" and insert instead "dichloro"; and at line 20, put a "]" after the word "phenyl".

Claim 22 (amended). [The] A compound [of Claim 1 is] selected from the group consisting of:

2-Thioxo-3-o-tolyl-2,3-dihydro-1H-quinazolin-4-one

3-(2-Ethyl-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-(4-Chloro-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-(2,3-Dichloro-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

B7

3-(3-Fluoro-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-Naphthalen-1-yl-2-tioxo-2,3-dihydro-1H-quinazolin-4-one

3-(3-Methoxy-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

[2-Hydrazio-2-(3-methoxy-phenyl)-3H-quinazolin-4-one]

3-(3-Dimethylamino-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-[4-(Morpholine-4-sulfonyl)-phenyl]-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

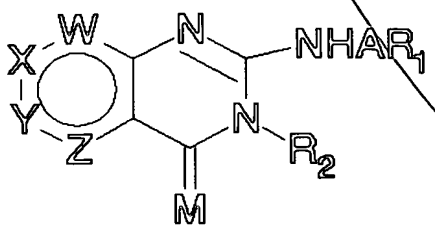
3-Pyridin-3-yl-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-(4-Methoxy-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one

3-(3-Isopropoxy-phenyl)-2-thioxo-2,3-dihydros-1H-pyrido [2,3-d]pyrimidin-4-one
3-(3,4-Dimethoxy-phenyl)-2-thioxo-2,3-dihydro-1H-quinazolin-4-one.

Claim 23 (amended). [The] A compound [of Claim 1 is] selected from the group consisting of:
[2-Hydrazino-3-o-tolyl-3H-quinazolin-4-one]
3-(2-Ethyl-phenyl)-2-hydrazino-3H-quinazolin-4-one
[3-(4-Chloro-phenyl)-2-hydrazino-3H-quinazolin-4-one]
3-(2,3-Dichloro-phenyl)-2-hydrazino-3H-quinazolin-4-one
[3-(3-Fluoro-phenyl)-2-hydrazino-3H-quinazolin-4-one]
2-Hydrazino-3-naphthalen-1-yl-3H-quinazolin-4-one
2-Hydrazino-3-(3-methoxy-phenyl)-3H-quinazolin-4-one
[3-(3-Fluoro-phenyl)-2-hydrazino-3H-1quinazolin-4-one]
3-(3-Dimethylamino-phenyl)-2-hydrazino-3H-quinazolin-4-one
2-Hydrazino-3-[4-(morpholine-4-sulfonyl)-phenyl]-3H-quinazolin-4-one
2-Hydrazino-3-pyridin-3-yl-3H-quinazolin-4-one
[2-Hydrazino-3-(4-methoxy-phenyl)-3H-quinazolin-4-one]
3-(3-Amino-phenyl)-2-hydrazino-3H-quinazolin-4-one
2-Hydrazino-3-(3-isopropoxy-phenyl)-3H-pyrido[2,3-d]pyrimidin-4-one
3-(3,4-Dimethoxy-phenyl)-2-hydrazino-3H-quinazolin-4-one.

Claim 24 (amended). [The] A compound [of Claim 1] of Formula I:



Formula I

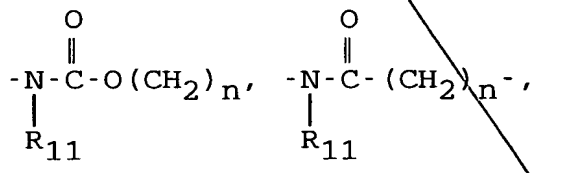
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

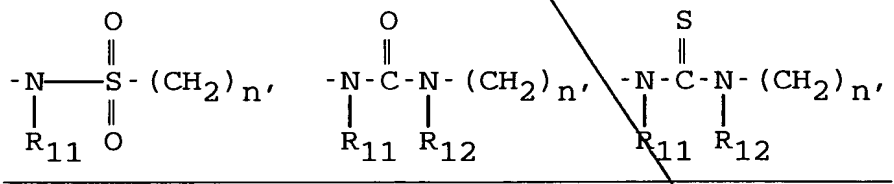
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

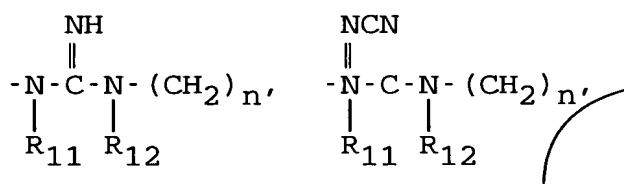
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

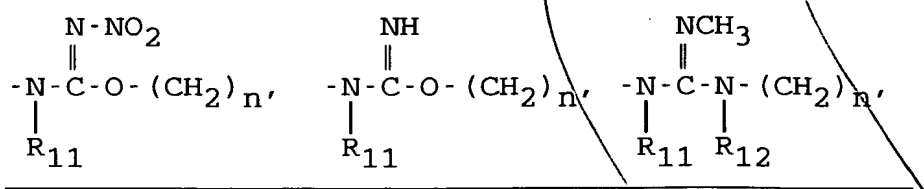
M is oxygen or sulfur;

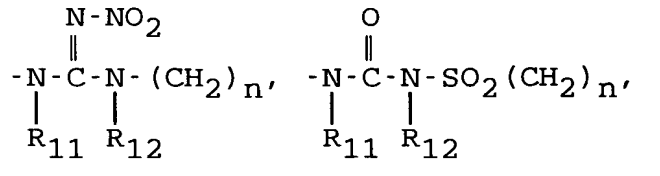
A is selected from the group consisting of:

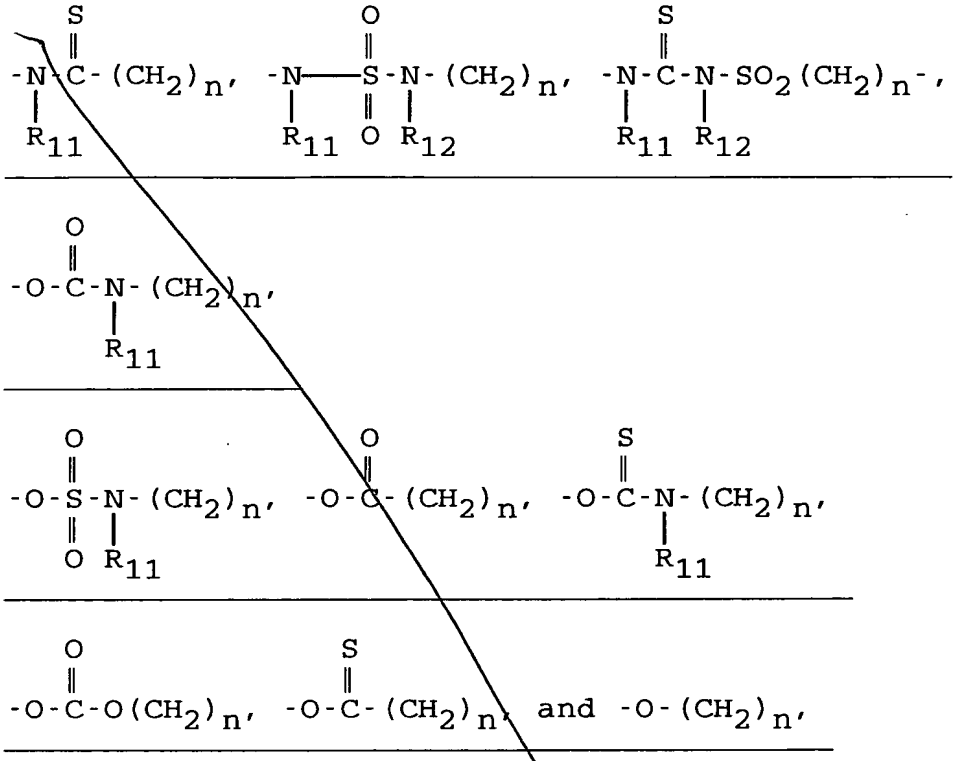












wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 is alkyl of 1 to 6 carbon atoms,

[wherein] R_2 is

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero

atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

unsubstituted, mono or polysubstituted aralkyl,

unsubstituted, mono or polysubstituted cyclo or

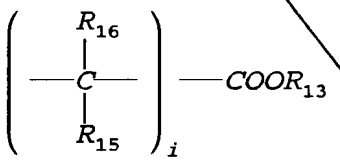
polycycloalkyl hydrocarbon, or

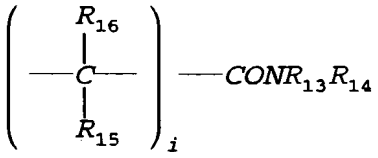
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

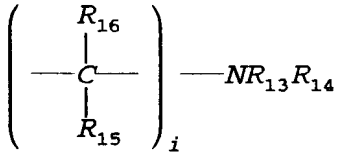
wherein the substitutions are selected from

- hydrogen
- lower alkyl of 1-4 carbon atoms,

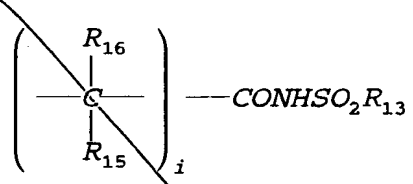
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl



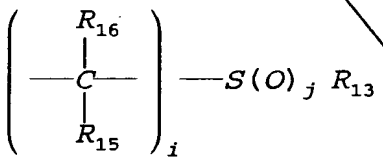




B7 contd.



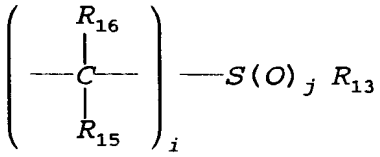
$(CH_2)_i\ OC(O)\ R_{13}$



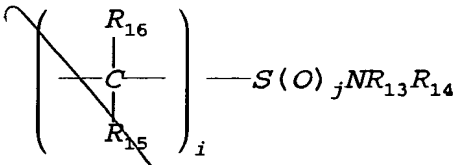
B7 contd.

$(CH_2)_i\ OC(O)\ R_{13}$

[, and]



, and



$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S;

provided that when W, X, Y and Z are each C-R_3, C-R_4, C-R_5 and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen and A is

NH—C— and R_1 is unsubstituted phenyl, then R_2 cannot be unsubstituted phenyl;

B7 Cont'd.

further provided that when W, X, Y and Z are each C-R_3, C-R_4, C-R_5, and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen or halogen and

A is 

—NH—C—NH—, and

M is oxygen, and

R_2 is unsubstituted or mono substituted phenyl and wherein substitution is chloro, bromo, butyl, n-butoxy, iso-butoxy, then R_1 cannot be unsubstituted or mono substituted phenyl, or unsubstituted naphthyl wherein substitution is chloro or bromo;

furthermore provided that when W, X, Y and Z are each C-R_3, C-R_4, C-R_5, and C-R_6 and R_3, R_4, R_5 and R_6 are hydrogen or halogen and

A is 

—NH—C—NH—, and

M is oxygen, and

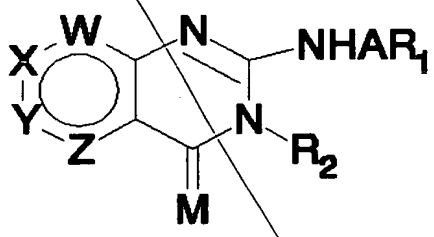
B7 concluded

R_1 is unsubstituted phenyl, unsubstituted benzyl, unsubstituted naphthyl or mono substituted phenyl wherein substitution is halogen, methyl, n-butyl or methoxy, then R_2 cannot be: a) unsubstituted phenyl; b) unsubstituted naphthyl; c) unsubstituted benzyl; d) mono substituted phenyl wherein substitution is halogen, methyl, n-butoxy, iso-butoxy, or methoxy; e) disubstituted phenyl wherein substitution is methyl or f) alkyl.

In Claim 25, at line 1 delete "21" and insert instead "24".

Claim 26 (amended). A compound having the structure:

B8



Formula I

wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

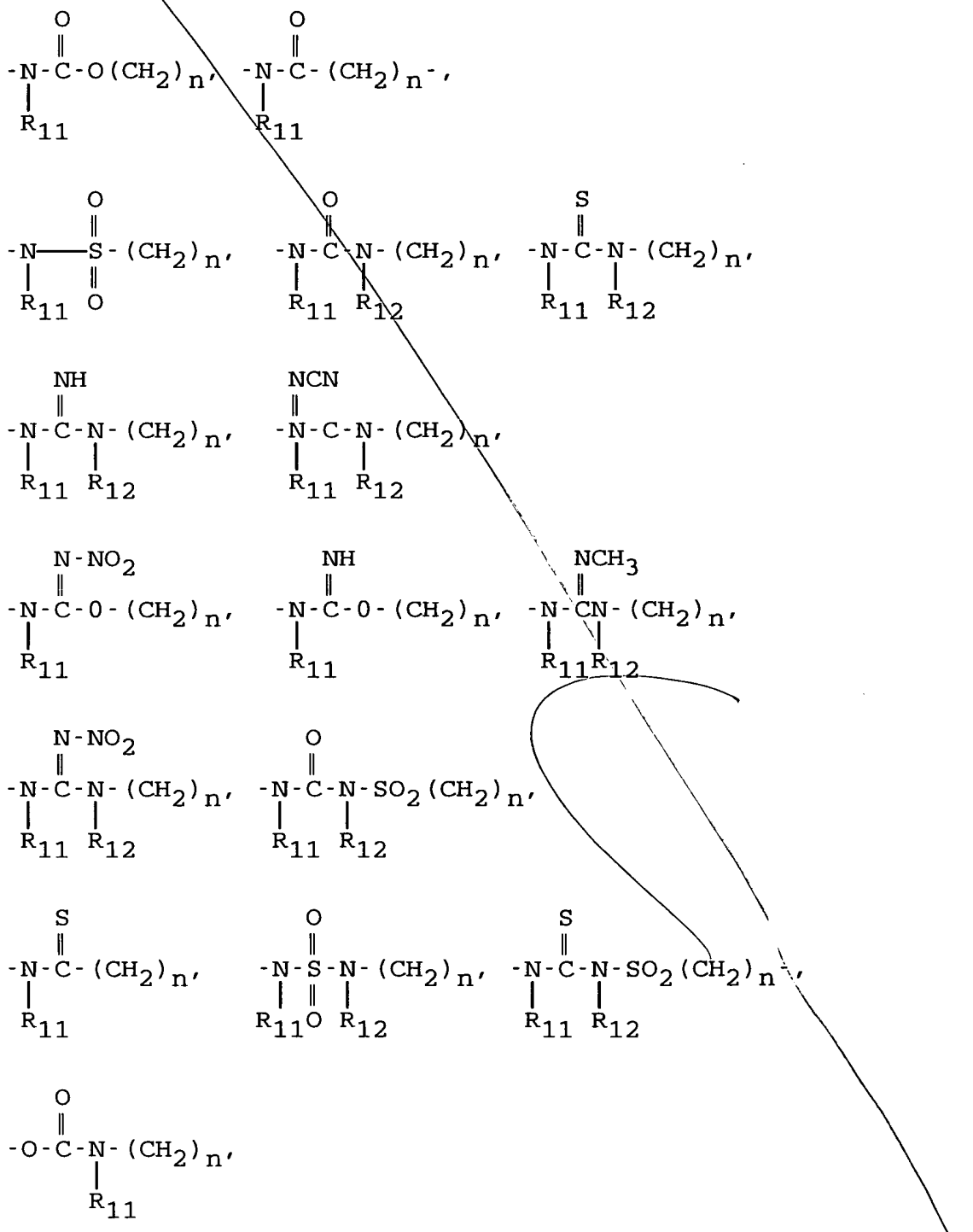
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

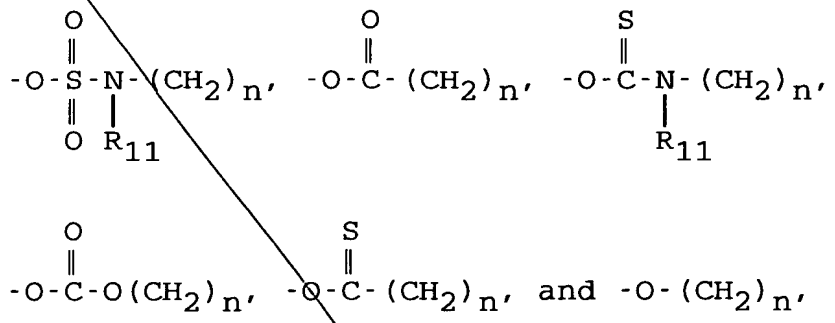
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

B8 cont'd.

A is selected from the group consisting of:





wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

unsubstituted, mono or polysubstituted aralkyl,

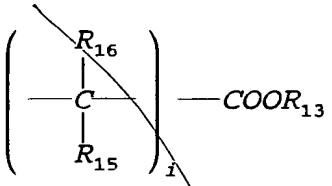
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

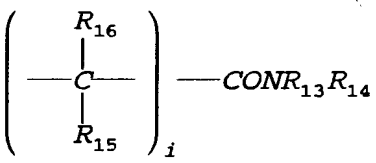
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

wherein the substitutions are selected from

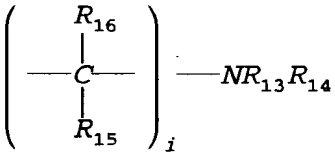
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

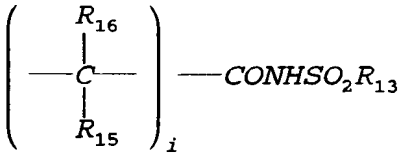
B8 cont'd

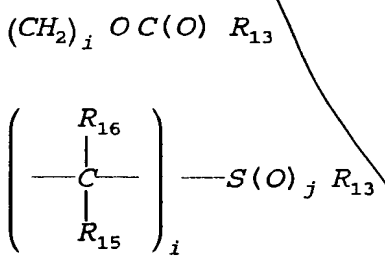


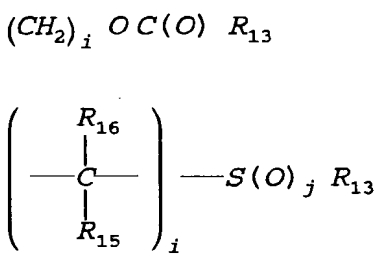


B8 contd.

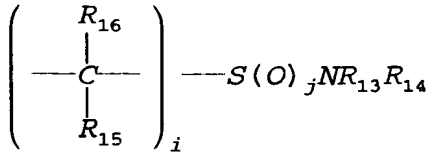








and



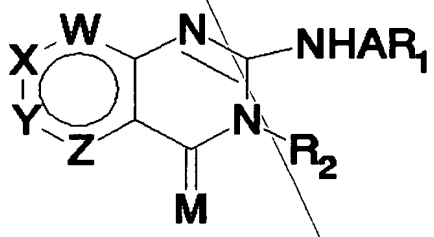
wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alkyl, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ may [is] also be mono or bicyclic ring with one to four hetero atoms as N,O,S.

Claims 30-40, cancel without prejudice.

Please add the following new claims:

41. (New) A method for treating a condition advantageously affected by the binding of the compound of Formula I to a CCK receptor in a mammal in need of such treatment comprising providing an effective binding amount of the compound of Formula I:



Formula I

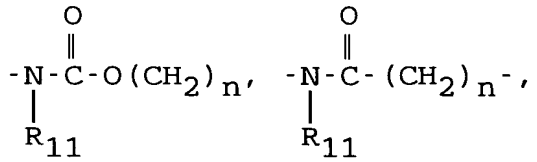
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

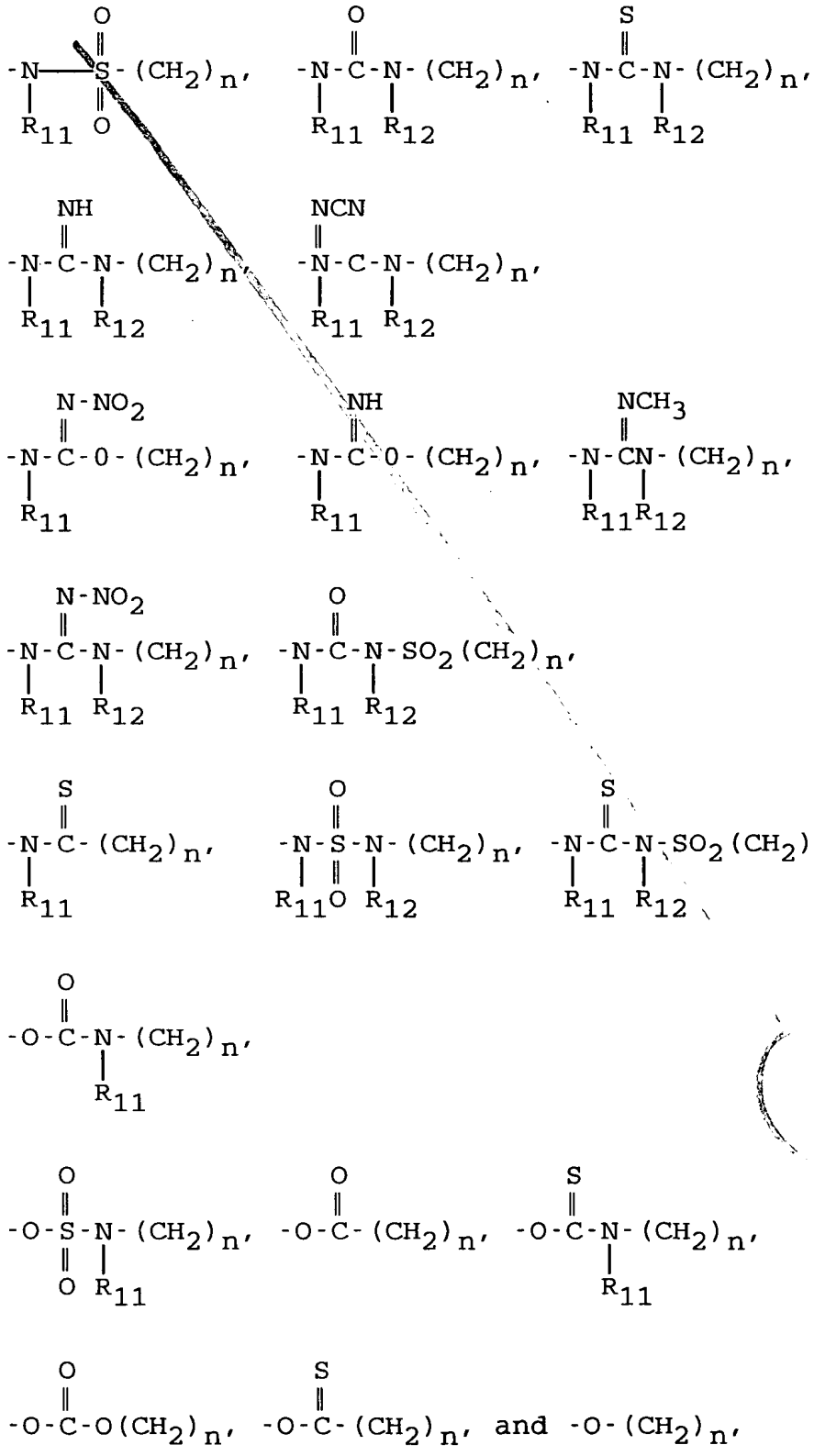
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:





B9 cont'd

wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

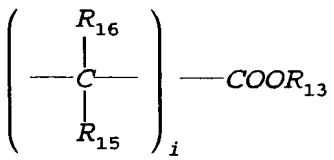
unsubstituted, mono or polysubstituted aralkyl,

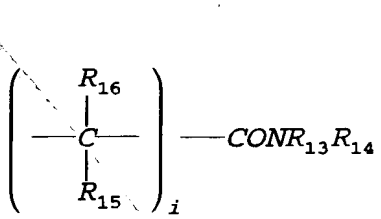
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

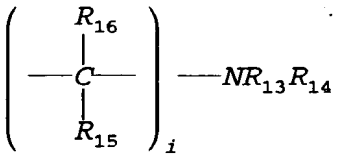
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

wherein the substitutions are selected from

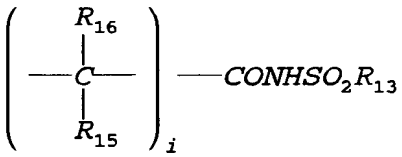
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl



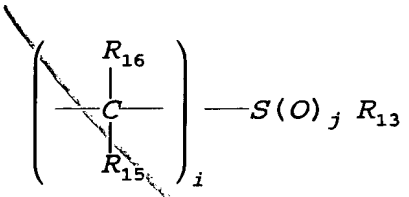


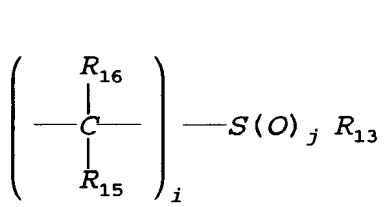


B9 contd.



$(CH_2)_i\ OC(O)\ R_{13}$

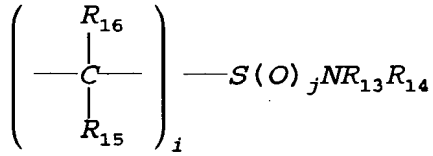




$(CH_2)_i\ OC(O)\ R_{13}$

B9 contd.

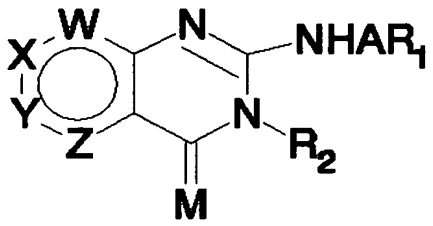
and



wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

42. (New) A method of reducing gastric acid secretion in a mammal comprising administering an effective gastric acid secretion reducing amount to a mammal in need thereof a compound of Formula I:



Formula I

wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

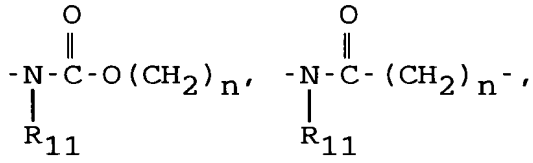
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

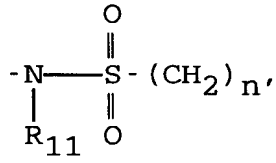
B9 contd.

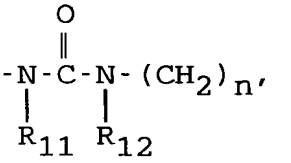
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

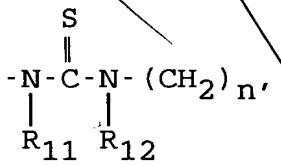
M is oxygen or sulfur;

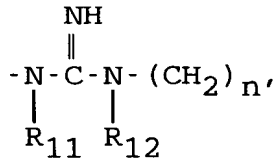
A is selected from the group consisting of:

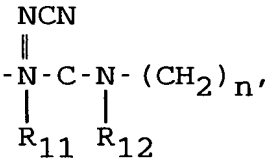


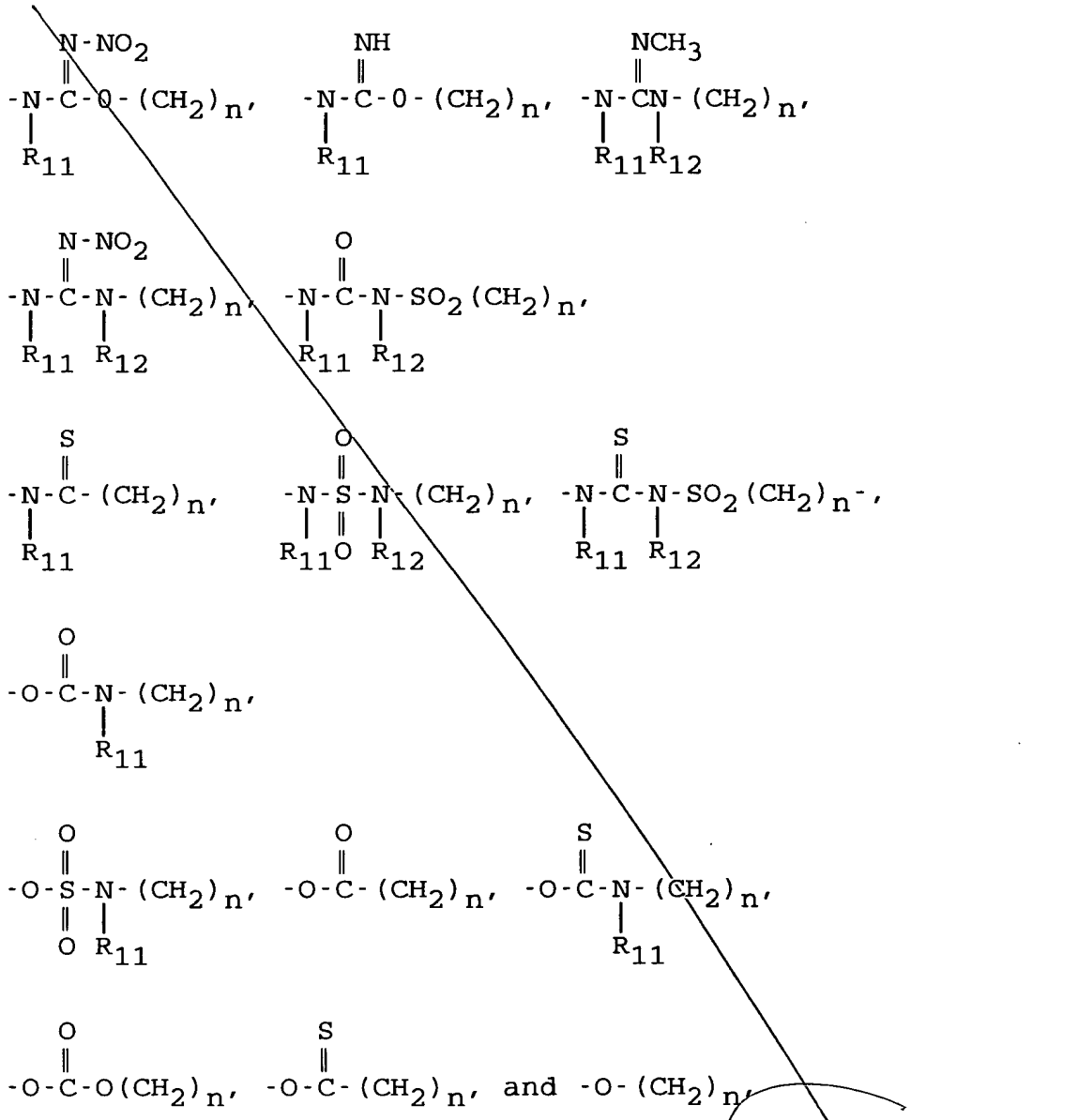












wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

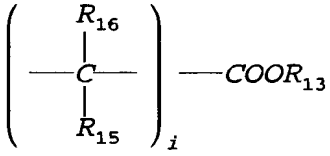
unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

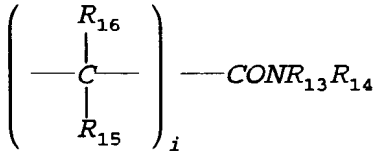
unsubstituted, mono or polysubstituted aralkyl, unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

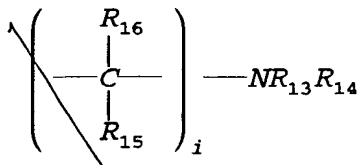
wherein the substitutions are selected from

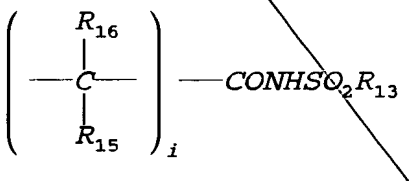
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

B9 cont'd.



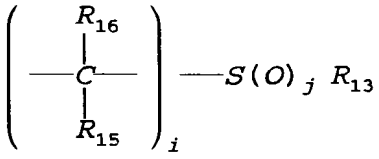






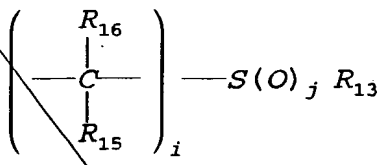
B9 contd.

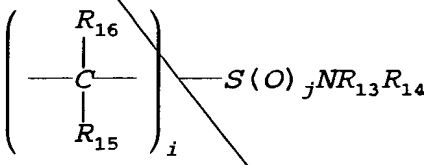
$(CH_2)_i\ OC(O)\ R_{13}$



$(CH_2)_i\ OC(O)\ R_{13}$

and



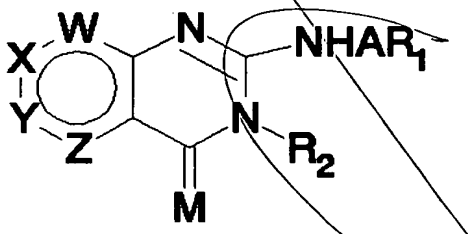


wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

B9 contd

43. A method of reducing anxiety in a mammal, comprising administering an effective anxiety reducing amount to a mammal in need thereof a compound of Formula I:



Formula I

wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

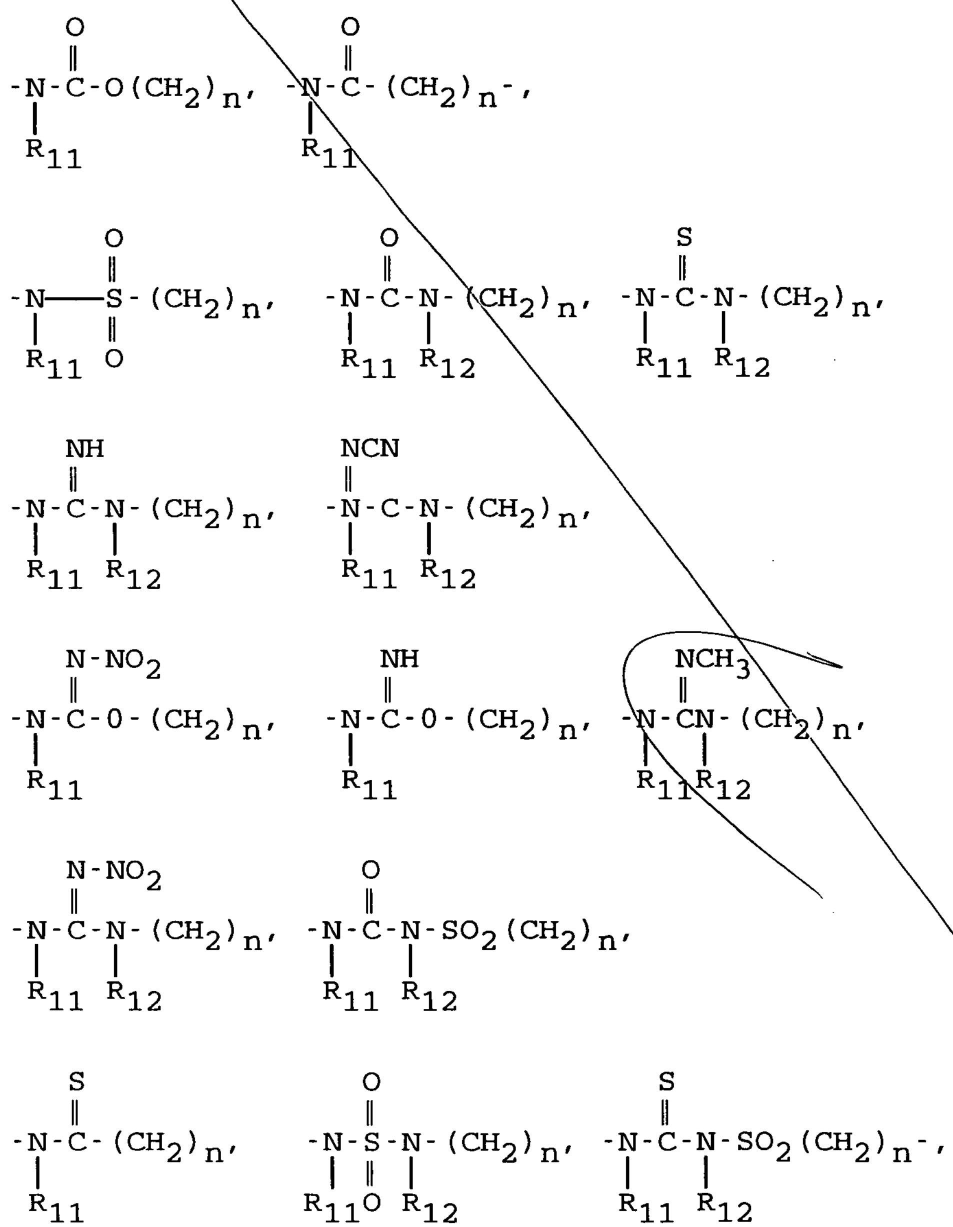
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon

atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

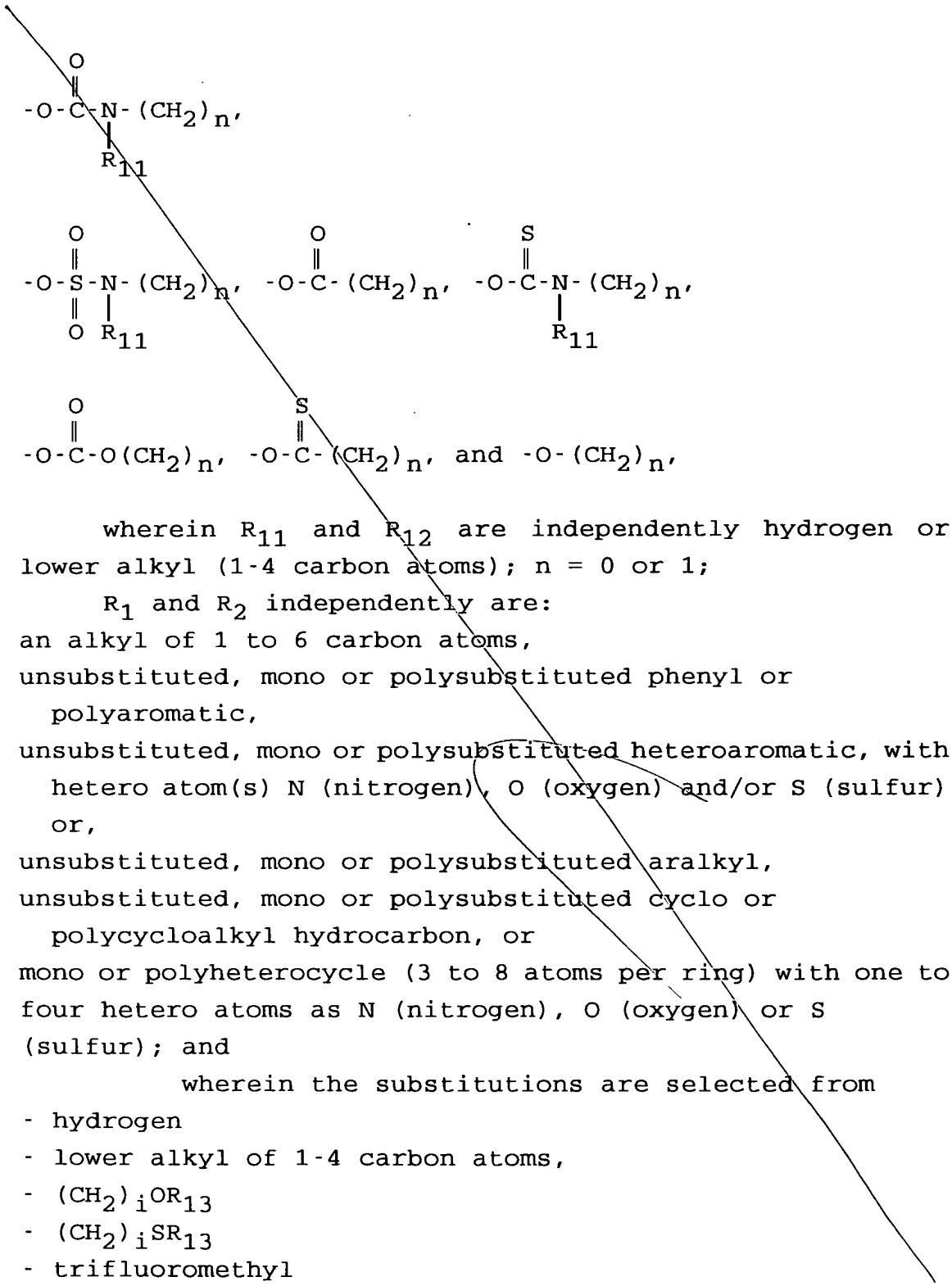
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:



B9 cont'd.



wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

unsubstituted, mono or polysubstituted aralkyl,

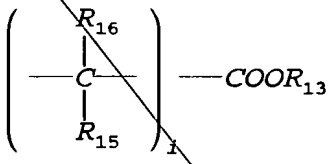
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

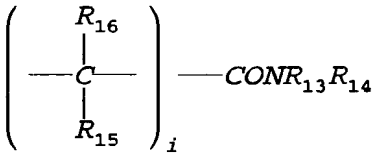
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

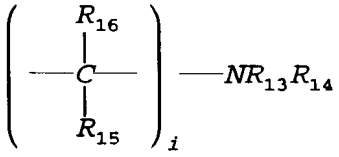
wherein the substitutions are selected from

- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo

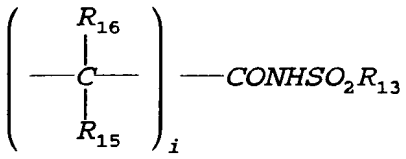
- cyano
- azido
- acetyl

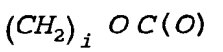


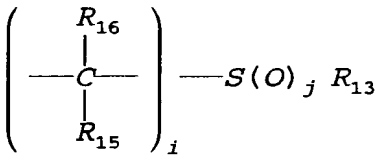




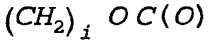
B9 contd.

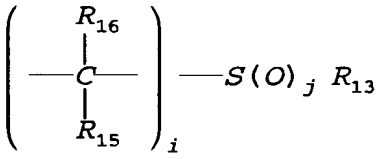




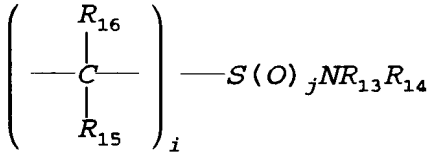


B9 contd.





and



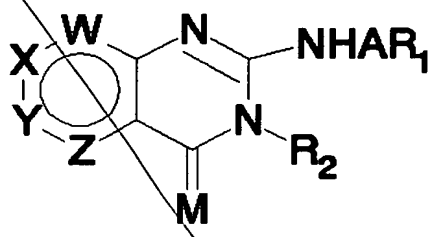
wherein i and j are independently 0, 1, 2,

R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

44. A method for treating gastrointestinal ulcers in a mammal comprising administering an effective gastrointestinal ulcer treating amount to a mammal in need thereof a compound of Formula I:

B9 cont'd.



Formula I

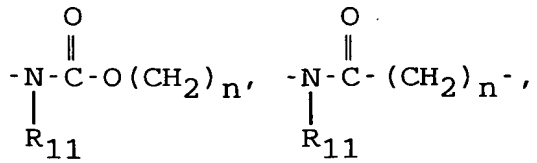
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

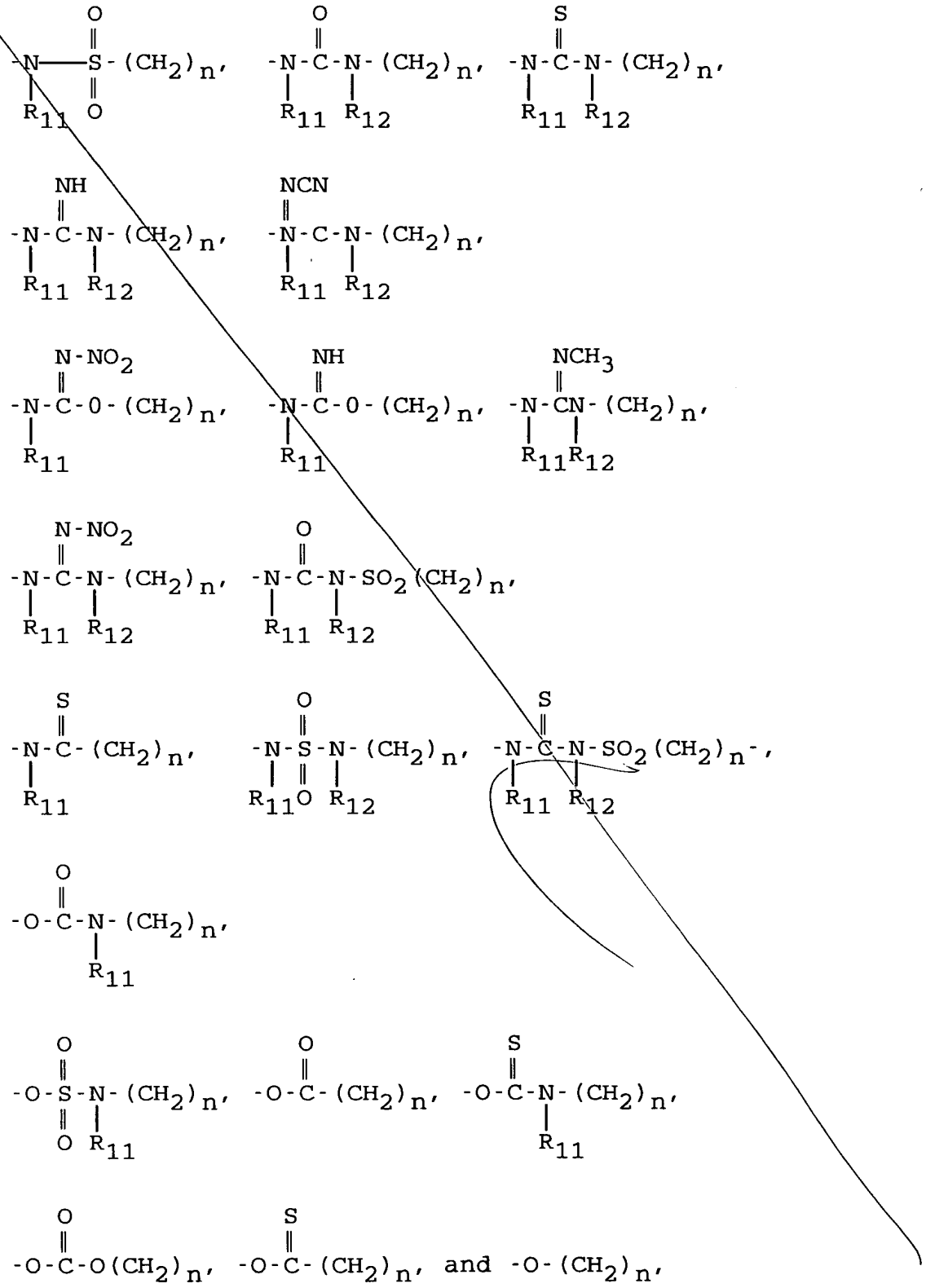
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:





B9 cont'd.

wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

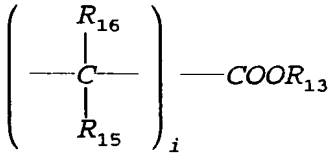
unsubstituted, mono or polysubstituted aralkyl,

unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

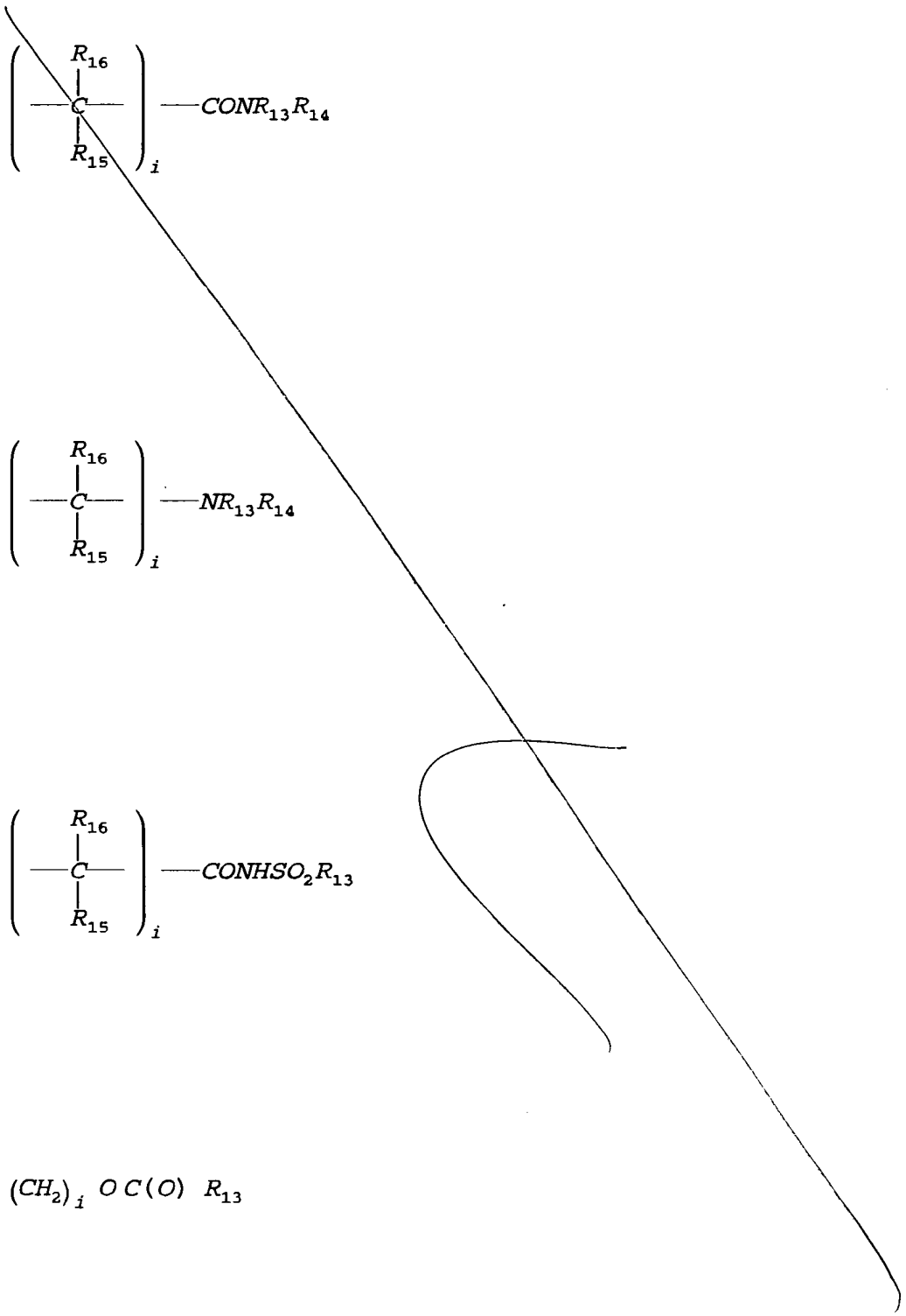
wherein the substitutions are selected from

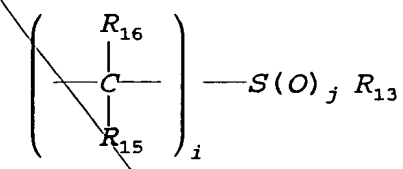
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

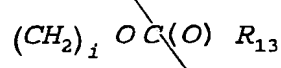


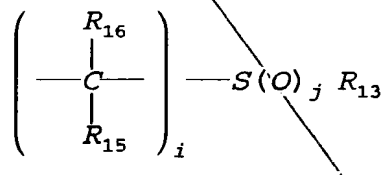
B9 cont'd.

B9 cont'd.



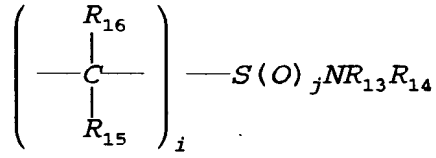






B9 cont'd.

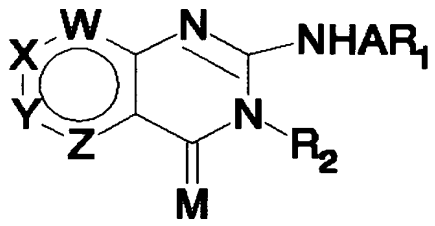
and



wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

45. (New) A method of treating psychosis in a mammal comprising administering an effective psychosis in a mammal comprising administering an effective psychosis treating amount to a mammal in need thereof a compound of Formula I:



Formula I

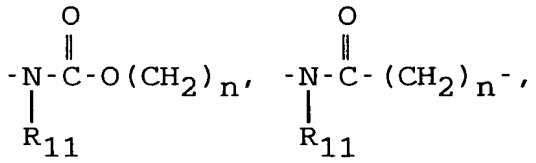
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

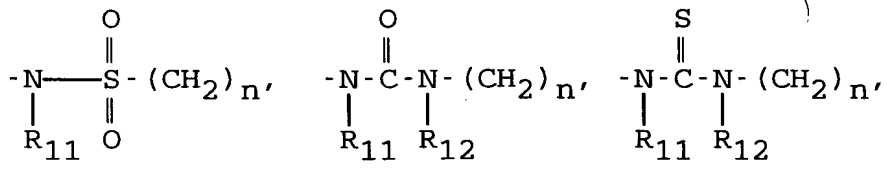
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

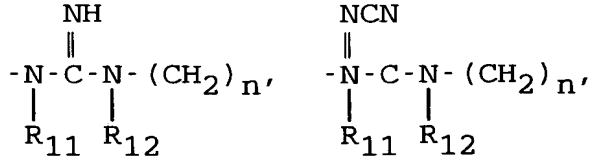
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

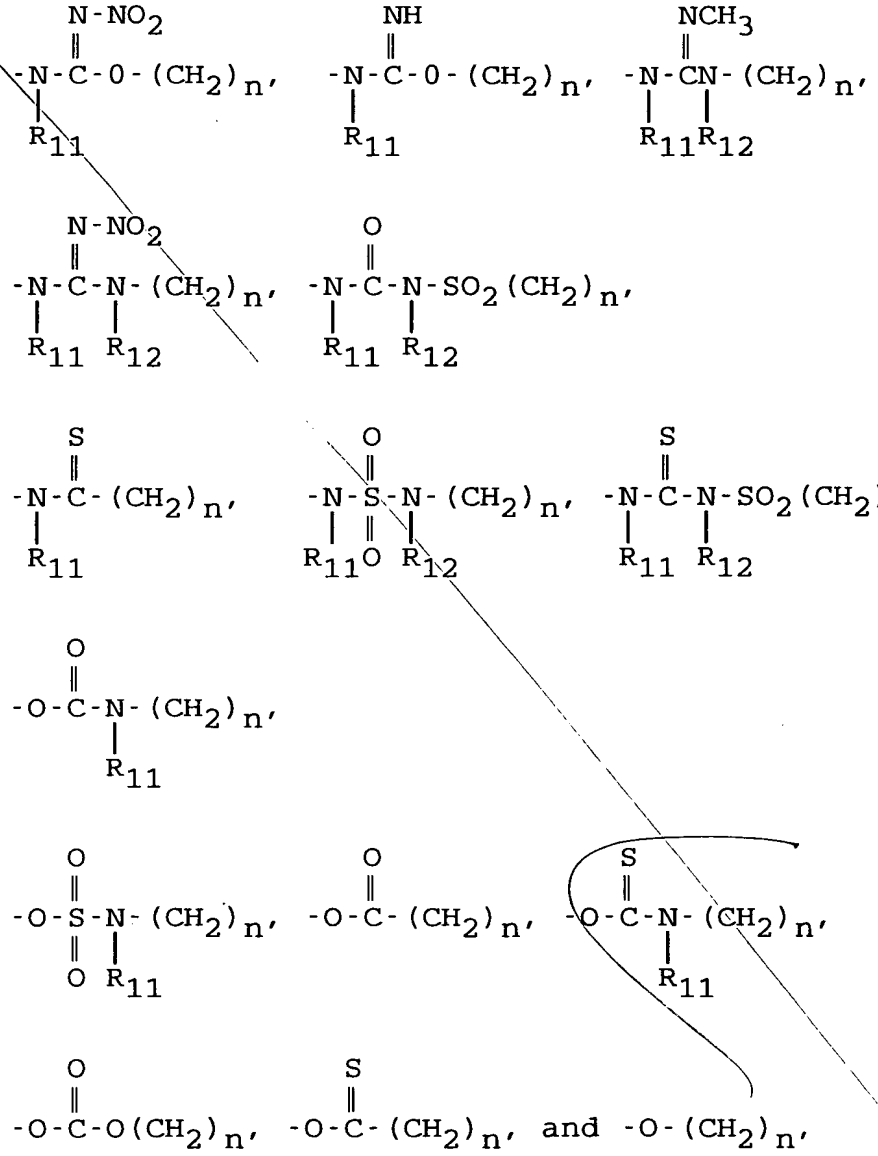
M is oxygen or sulfur;

A is selected from the group consisting of:









wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

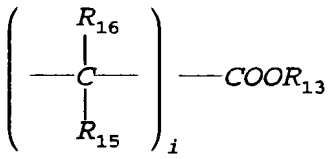
unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

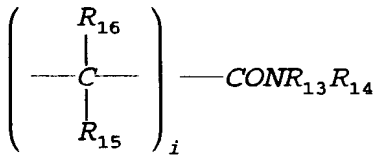
unsubstituted, mono or polysubstituted aralkyl, unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

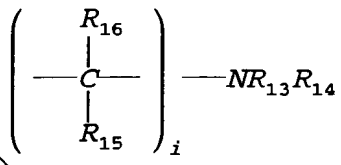
wherein the substitutions are selected from

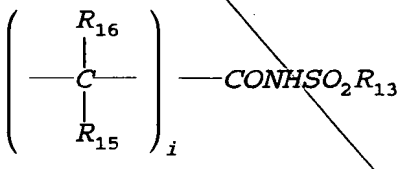
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

B9 cont'd



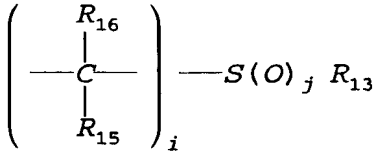




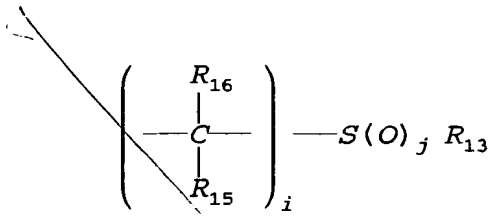


B9 contd.

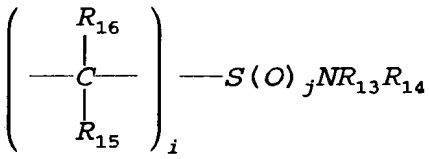
$(CH_2)_i\ OC(O)\ R_{13}$



$(CH_2)_i\ OC(O)\ R_{13}$



and

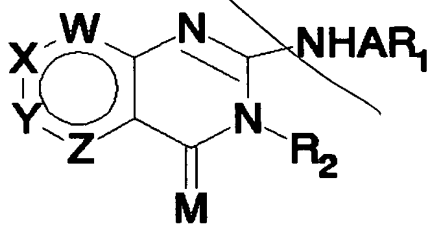


wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

B9 contd.

46. (New) A method of blocking drug or alcohol withdrawal reaction in a mammal comprising administering an effective withdrawal reaction blocking amount to a mammal in need thereof a compound of Formula I:



Formula I

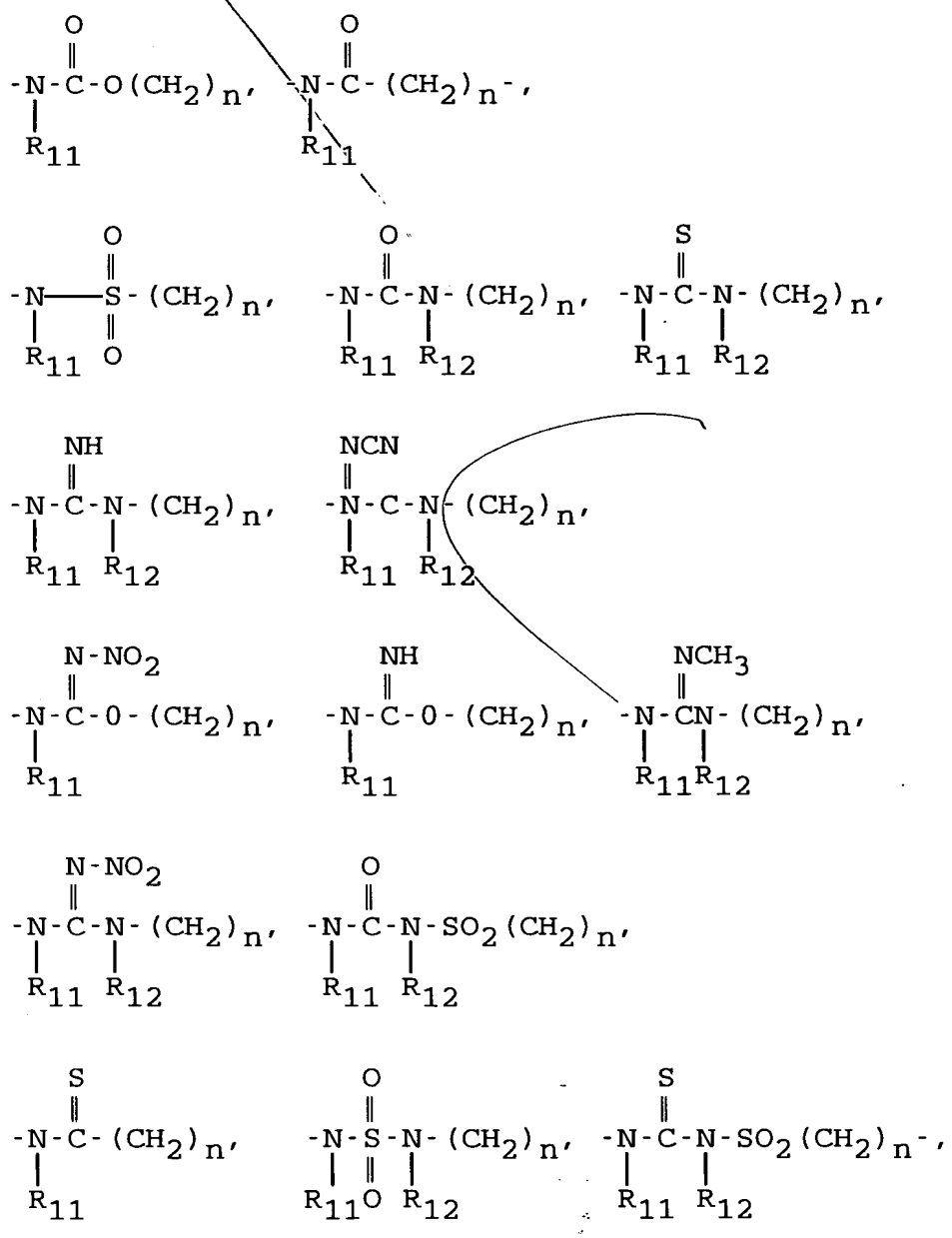
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

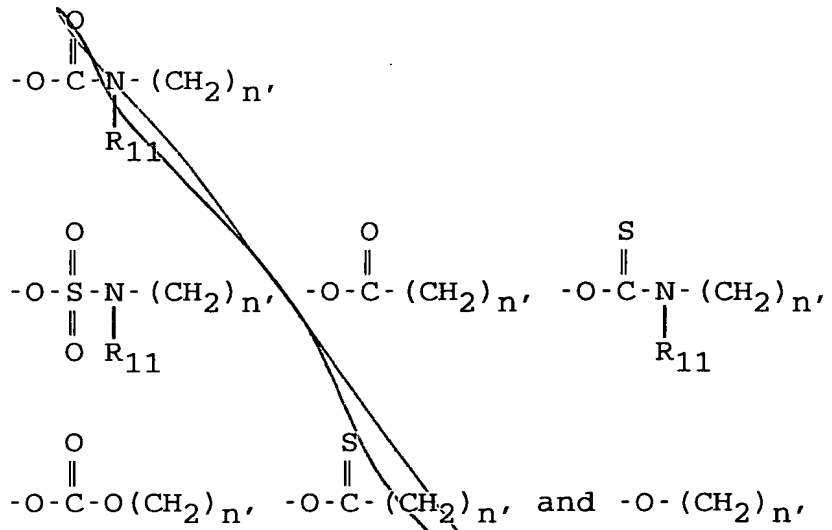
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:



B9 contd



wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

unsubstituted, mono or polysubstituted aralkyl,

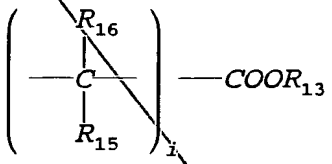
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

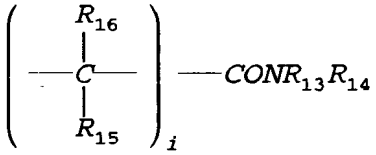
wherein the substitutions are selected from

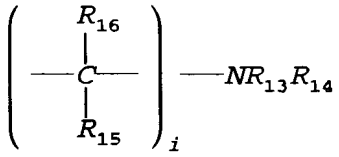
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo

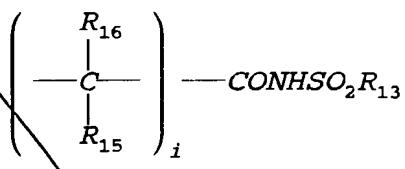
- cyano
- azido
- acetyl

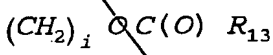


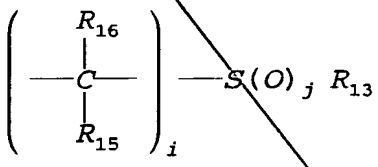
B9 contd.



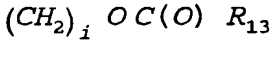


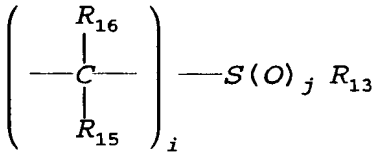




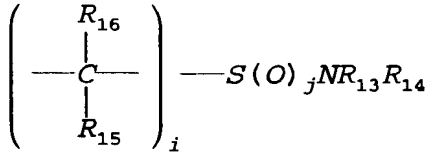


B9 contd.





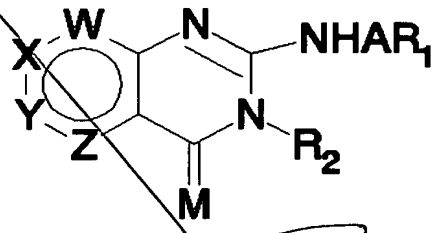
and



wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

47. (New) A method of treating pain in a mammal comprising administering an effective amount to a mammal in need thereof a compound of Formula I:



Formula I

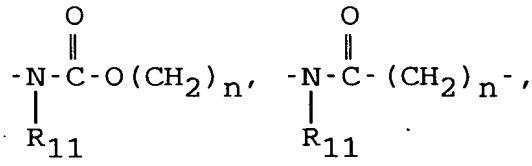
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

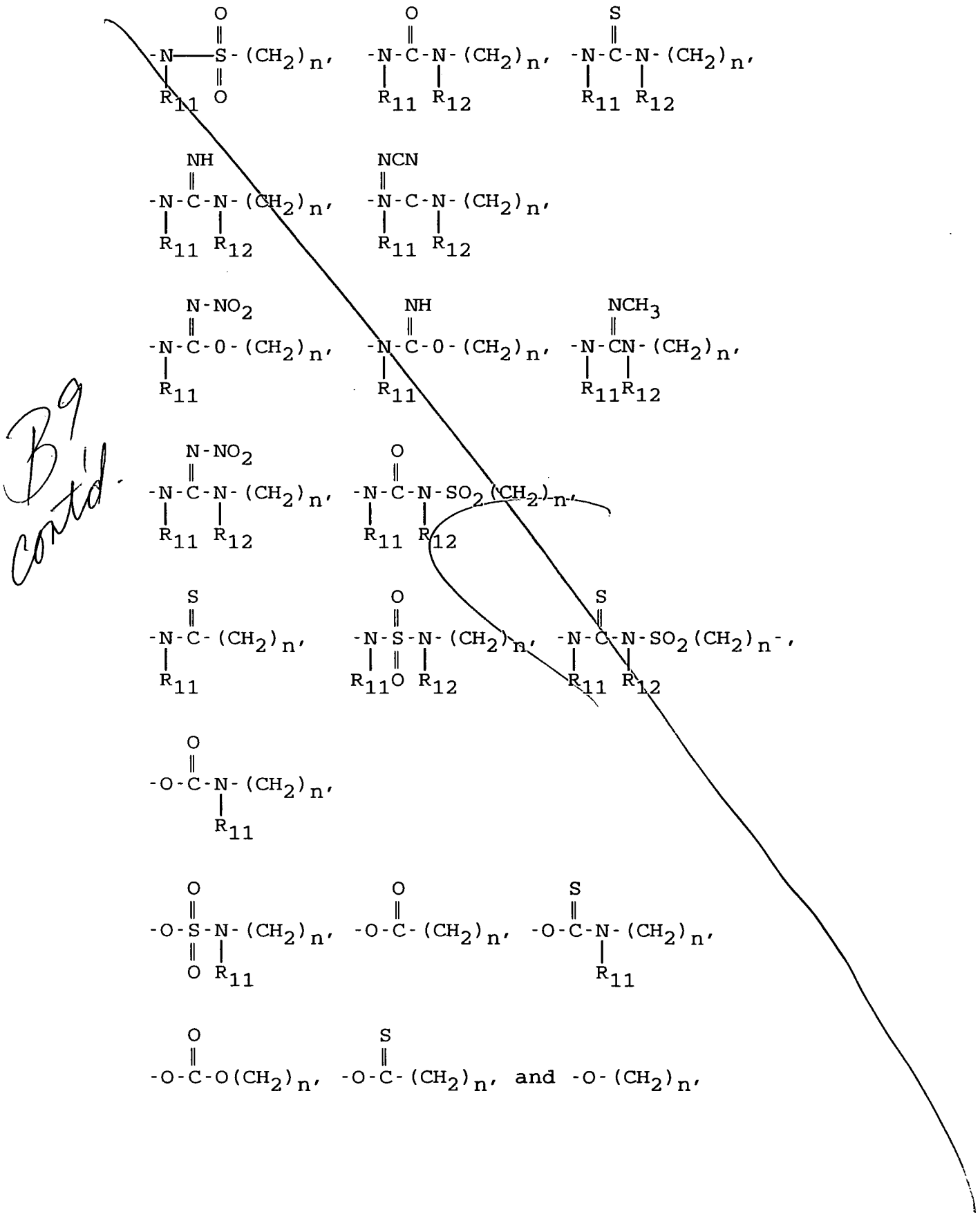
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:





B9 cont'd.

wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

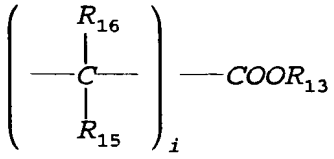
unsubstituted, mono or polysubstituted aralkyl,

unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

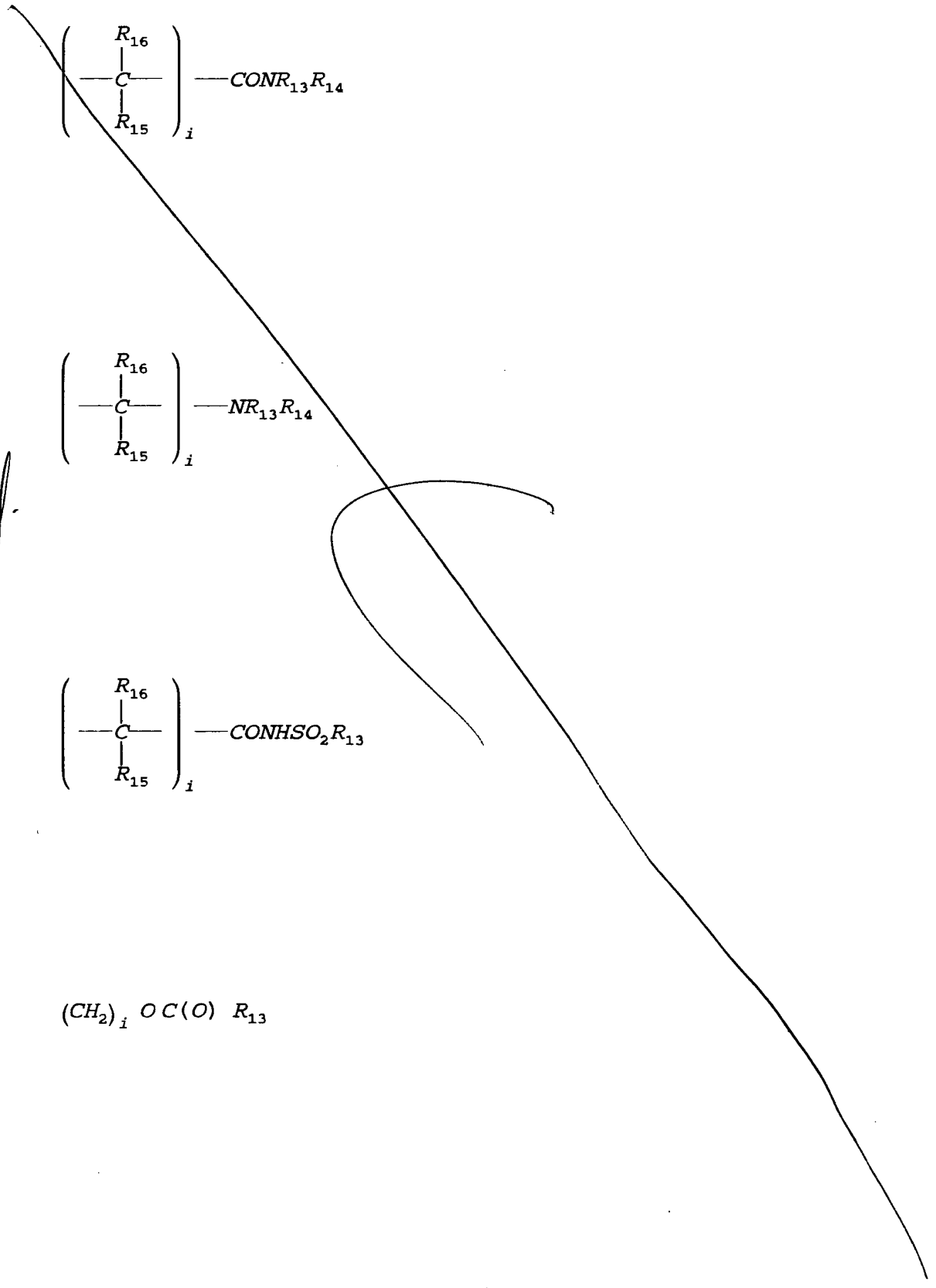
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

wherein the substitutions are selected from

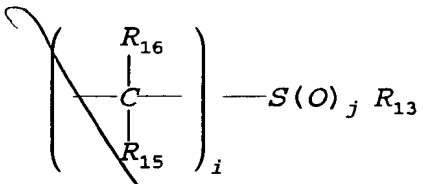
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

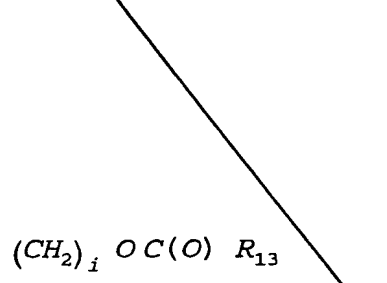


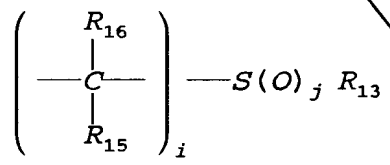
B9 contd.


$\left(\begin{array}{c} R_{16} \\ | \\ -C- \\ | \\ R_{15} \end{array}\right)_i -CONR_{13}R_{14}$
$\left(\begin{array}{c} R_{16} \\ | \\ -C- \\ | \\ R_{15} \end{array}\right)_i -NR_{13}R_{14}$
$\left(\begin{array}{c} R_{16} \\ | \\ -C- \\ | \\ R_{15} \end{array}\right)_i -CONHSO_2R_{13}$
$(CH_2)_i\ OC(O)\ R_{13}$

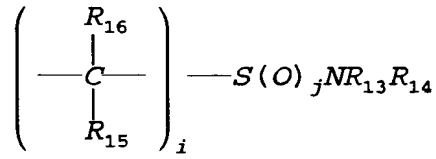
B9 contd.







and

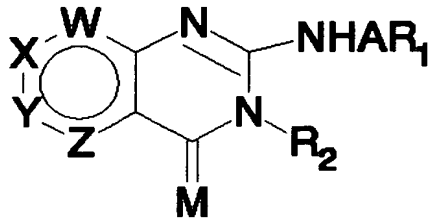


wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

48. (New) A method of treating and/or preventing panic in a mammaol comprising administering an

effective amount to a mammal in need thereof a compouond of Formula I:



Formula I

B9 contd.

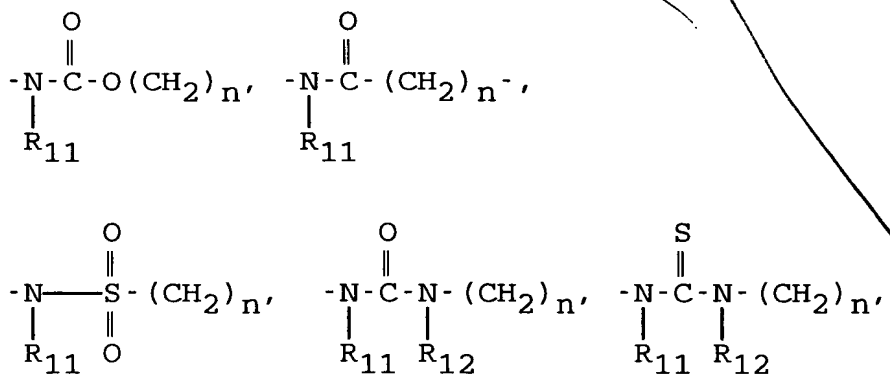
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

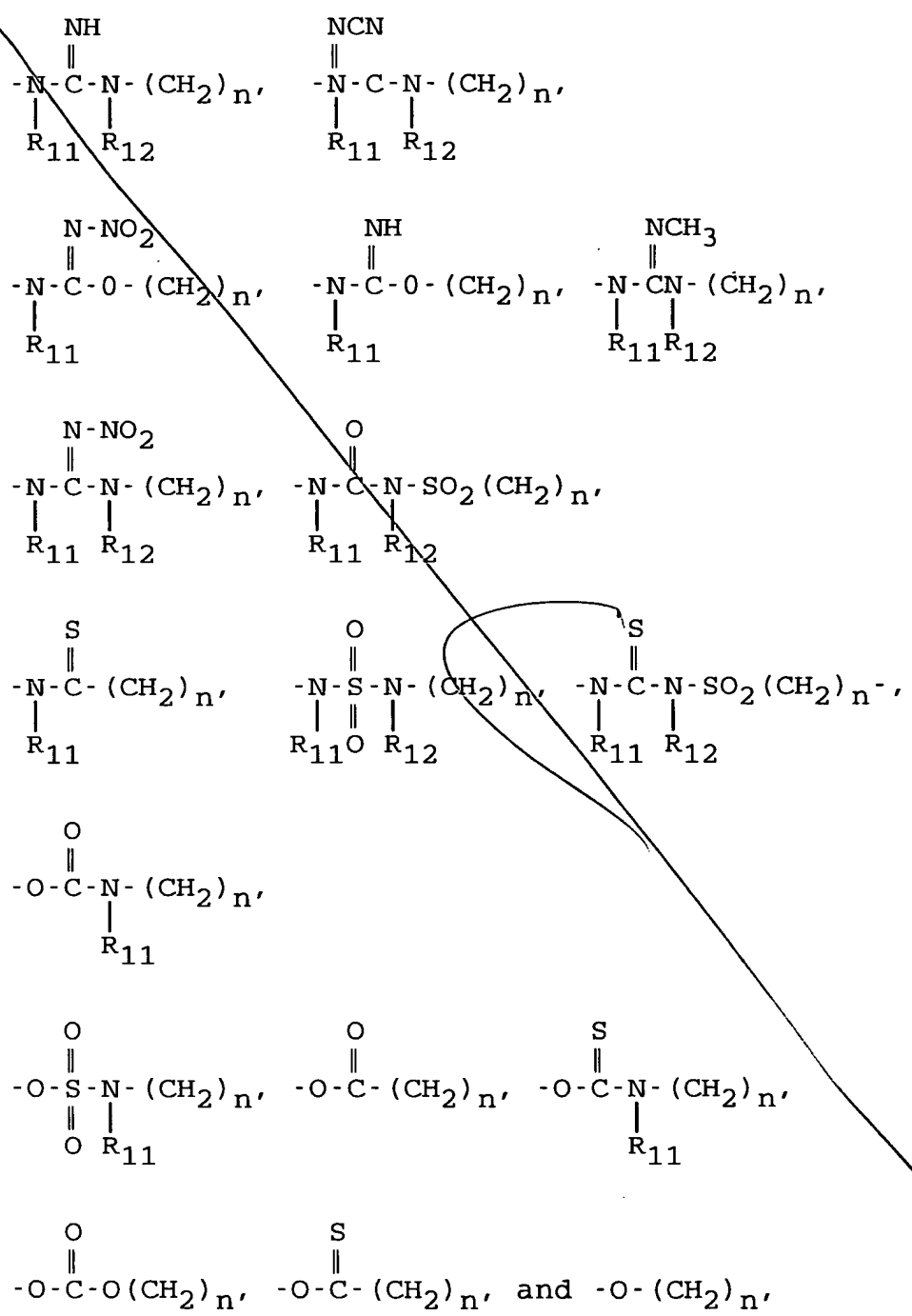
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

M is oxygen or sulfur;

A is selected from the group consisting of:





wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

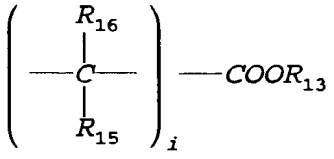
R_1 and R_2 independently are:
an alkyl of 1 to 6 carbon atoms,

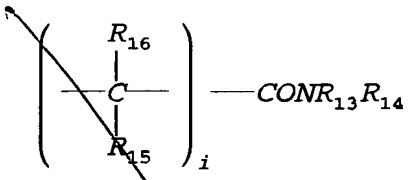
unsubstituted, mono or polysubstituted phenyl or polyaromatic,
unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,
unsubstituted, mono or polysubstituted aralkyl,
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

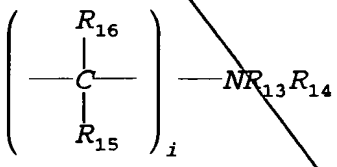
wherein the substitutions are selected from

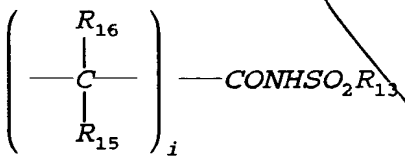
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

B9 contd

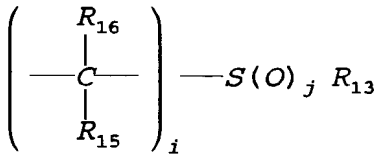




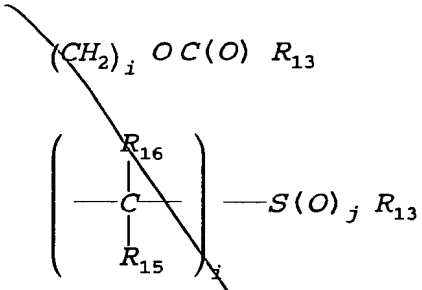


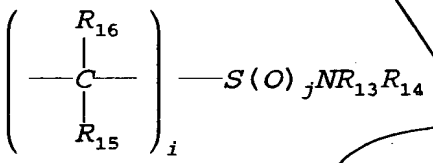


$(CH_2)_i\ OC(O)\ R_{13}$



B9 contd.





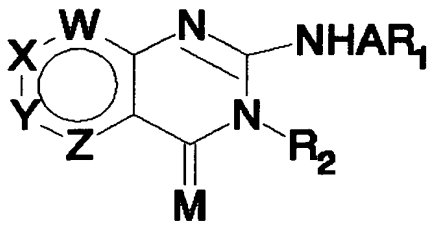
and

wherein i and j are independently 0, 1, 2, R_{13}, R_{14}, R_{15}, R_{16} are each independently hydrogen, lower alky, alkaryl of from 7 to 10 carbon atoms; and

$NR_{13}R_{14}$ is also mono or bicyclic ring with one to four hetero atoms as N,O,S.

49. (New) A method of diagnosis of gastrin-dependent tumors in a mammal, comprising administering to the mammal in need thereof an effective diagnosing amount of a radiolabelled iodo compound of Formula I:

Formula I



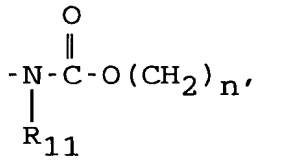
wherein W, X, Y and Z are each independently selected from C-R_3, C-R_4, C-R_5, C-R_6 and N (nitrogen) and that no more than two of W, X, Y and Z are N;

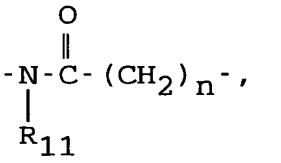
wherein R_3, R_4, R_5 and R_6 are each independently hydrogen, hydroxy, sulfhydryl, lower alkoxy (1-4 carbon atoms), lower thioalkoxy (1-4 carbon atoms), lower alkyl (1-4 carbon atoms), halo, CN, CF_3, NO_2, $COOR_7$ or NR_7R_8;

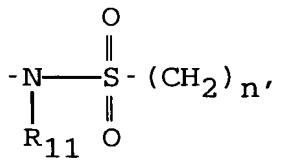
wherein R_7 and R_8 are independently hydrogen or lower alkyl (1-4 carbon atoms);

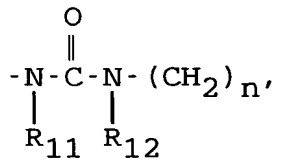
M is oxygen or sulfur;

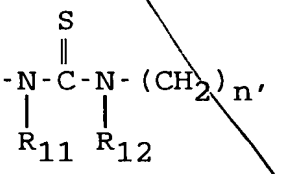
A is selected from the group consisting of:

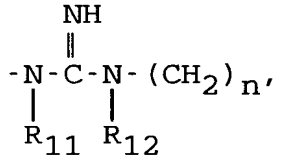


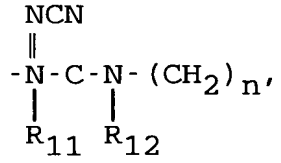


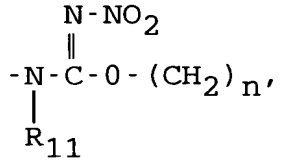


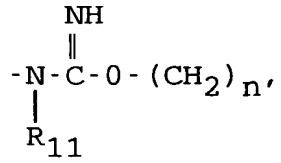


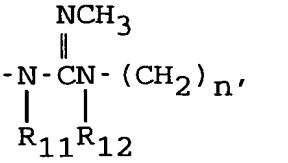




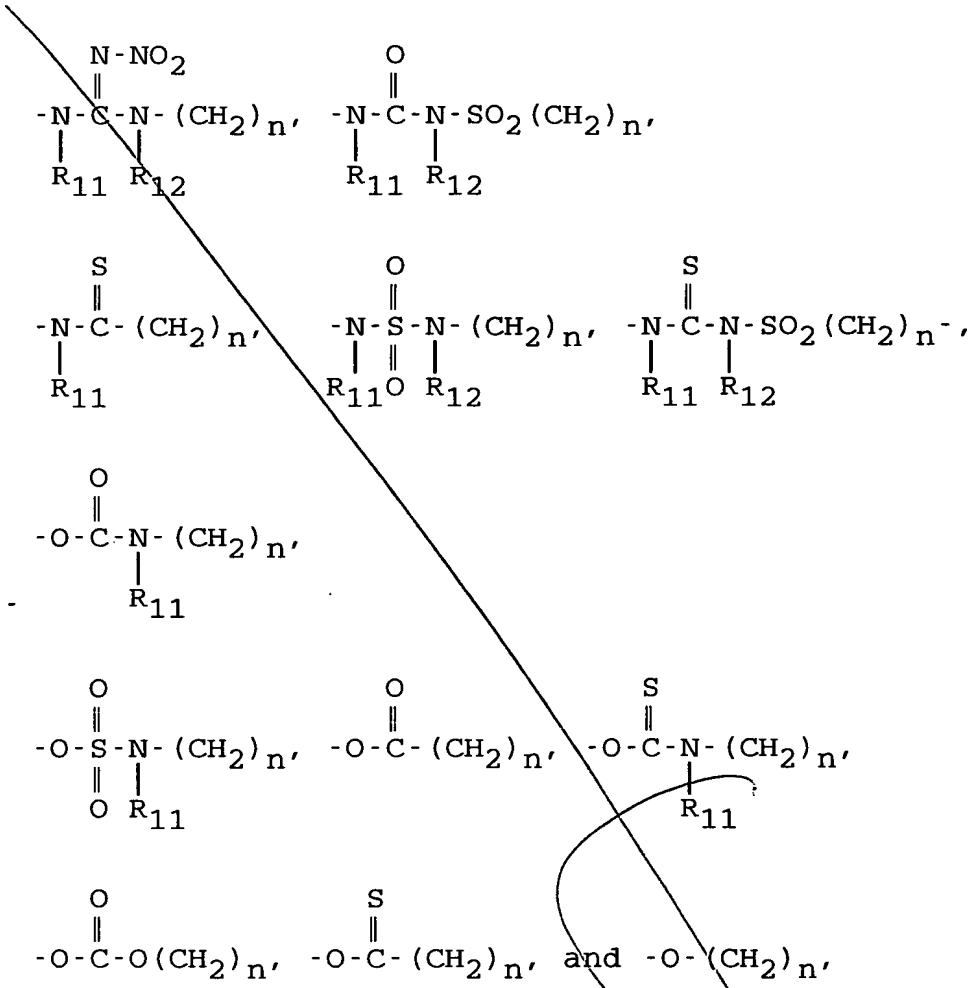








B9 contd.



B9 cont'd

wherein R_{11} and R_{12} are independently hydrogen or lower alkyl (1-4 carbon atoms); n = 0 or 1;

R_1 and R_2 independently are:

an alkyl of 1 to 6 carbon atoms,

unsubstituted, mono or polysubstituted phenyl or polyaromatic,

unsubstituted, mono or polysubstituted heteroaromatic, with hetero atom(s) N (nitrogen), O (oxygen) and/or S (sulfur) or,

unsubstituted, mono or polysubstituted aralkyl,

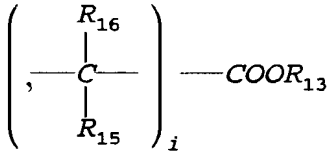
unsubstituted, mono or polysubstituted cyclo or polycycloalkyl hydrocarbon, or

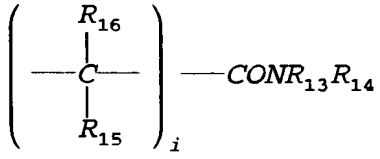
mono or polyheterocycle (3 to 8 atoms per ring) with one to four hetero atoms as N (nitrogen), O (oxygen) or S (sulfur); and

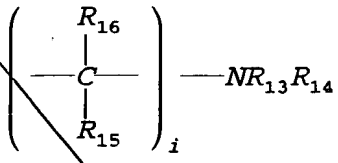
wherein the substitutions are selected from

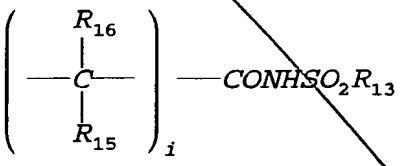
- hydrogen
- lower alkyl of 1-4 carbon atoms,
- $(CH_2)_iOR_{13}$
- $(CH_2)_iSR_{13}$
- trifluoromethyl
- nitro
- halo
- cyano
- azido
- acetyl

B9 contd.



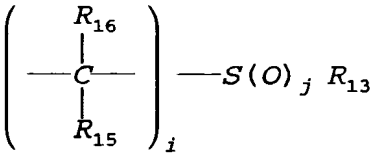






B9 contd

$(CH_2)_i\ OC(O)\ R_{13}$



$(CH_2)_i\ OC(O)\ R_{13}$